

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
 Data File : BF091054.D
 Acq On : 7 Nov 2016 14:31
 Operator : UM/SJ
 Sample : PB94546BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 07 17:39:01 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 11:03:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	193212	20.00	ng	-0.03
21) Naphthalene-d8	7.96	136	811915	20.00	ng	-0.03
38) Acenaphthene-d10	9.71	164	395864	20.00	ng	-0.03
63) Phenanthrene-d10	11.20	188	691565	20.00	ng	-0.03
75) Chrysene-d12	13.83	240	574779	20.00	ng	-0.03
86) Perylene-d12	15.21	264	427674	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1345588	115.02	ng	-0.02
7) Phenol-d6	6.33	99	1681835	105.92	ng	-0.02
23) Nitrobenzene-d5	7.24	82	1139808	76.58	ng	-0.03
41) 2,4,6-Tribromophenol	10.51	330	498416	139.27	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	2049192	89.12	ng	-0.02
78) Terphenyl-d14	12.79	244	2022025	87.79	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.22	88	187952	28.09	ng	99
3) Pyridine	2.86	79	578858	36.97	ng	100
4) n-Nitrosodimethylamine	2.83	42	218872	35.34	ng	92
6) Aniline	6.34	93	383940	20.50	ng	# 1
8) 2-Chlorophenol	6.45	128	511071	36.62	ng	93
9) Benzaldehyde	6.21	77	66864	7.59	ng	96
10) Phenol	6.34	94	646906	36.81	ng	# 72
11) bis(2-Chloroethyl)ether	6.42	93	549000	37.07	ng	89
12) 1,3-Dichlorobenzene	6.61	146	506660	35.90	ng	99
13) 1,4-Dichlorobenzene	6.69	146	515030	34.01	ng	100
14) 1,2-Dichlorobenzene	6.84	146	527252	37.94	ng	99
15) Benzyl Alcohol	6.83	79	450438	40.22	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.97	45	726249	34.25	ng	98
17) 2-Methylphenol	6.94	107	410821	37.19	ng	98
18) Hexachloroethane	7.18	117	207826	35.46	ng	97
19) n-Nitroso-di-n-propylamine	7.09	70	422055	38.36	ng	99
20) 3+4-Methylphenols	7.10	107	538361	40.59	ng	97
22) Acetophenone	7.09	105	733384	39.23	ng	97
24) Nitrobenzene	7.26	77	640519	38.97	ng	99
25) Isophorone	7.50	82	1094124	38.15	ng	100
26) 2-Nitrophenol	7.58	139	264238	37.99	ng	# 69
27) 2,4-Dimethylphenol	7.63	122	446162	38.78	ng	97
28) bis(2-Chloroethoxy)methane	7.72	93	679222	43.35	ng	100
29) 2,4-Dichlorophenol	7.82	162	388090	38.65	ng	98
30) 1,2,4-Trichlorobenzene	7.90	180	427620	37.88	ng	100
31) Naphthalene	7.98	128	1485160	38.25	ng	99
32) Benzoic acid	7.78	122	234938	28.48	ng	99
33) 4-Chloroaniline	8.04	127	154896	9.59	ng	96
34) Hexachlorobutadiene	8.10	225	214542	35.21	ng	99
35) Caprolactam	8.42	113	74128	23.50	ng	96
36) 4-Chloro-3-methylphenol	8.54	107	466856	38.41	ng	97
37) 2-Methylnaphthalene	8.67	142	910224	36.47	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	414879	41.11	ng	99
40) Hexachlorocyclopentadiene	8.83	237	368713	92.97	ng	97

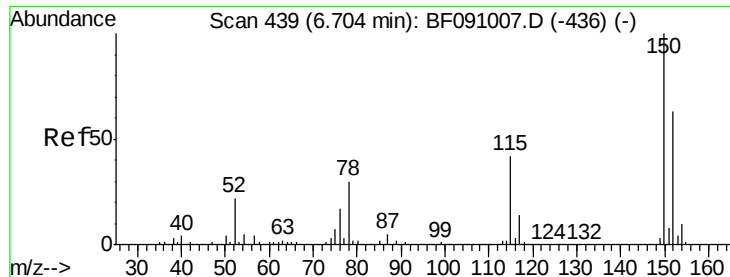
Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	256722	39.40	nq	100
43) 2,4,5-Trichlorophenol	9.01	196	297245	43.45	nq	97
45) 1,1'-Biphenyl	9.14	154	1112331	38.48	nq	99
46) 2-Chloronaphthalene	9.16	162	896703	40.86	nq	99
47) 2-Nitroaniline	9.26	65	313034	38.44	nq	87
48) Acenaphthylene	9.57	152	1256469	36.74	nq	100
49) Dimethylphthalate	9.45	163	984947	37.94	nq	99
50) 2,6-Dinitrotoluene	9.52	165	237374	42.67	nq	# 63
51) Acenaphthene	9.74	154	779049	36.28	nq	99
52) 3-Nitroaniline	9.68	138	117293	17.78	nq	96
53) 2,4-Dinitrophenol	9.79	184	204231	68.38	nq	# 69
54) Dibenzofuran	9.92	168	1187200	41.07	nq	98
55) 4-Nitrophenol	9.86	139	316895	72.69	nq	96
56) 2,4-Dinitrotoluene	9.92	165	291810	41.23	nq	# 70
57) Fluorene	10.26	166	880067	37.25	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.04	232	213549	39.85	nq	94
59) Diethylphthalate	10.16	149	1079721	40.57	nq	97
60) 4-Chlorophenyl-phenylether	10.26	204	484306	45.04	nq	94
61) 4-Nitroaniline	10.29	138	225971	33.86	nq	87
62) Azobenzene	10.42	77	1321011	42.17	nq	92
64) 4,6-Dinitro-2-methylphenol	10.33	198	140702	33.23	nq	# 44
65) n-Nitrosodiphenylamine	10.38	169	893166	40.63	nq	99
66) 4-Bromophenyl-phenylether	10.75	248	259939	36.14	nq	# 67
67) Hexachlorobenzene	10.81	284	275839	34.77	nq	# 89
68) Atrazine	10.91	200	231722	36.54	nq	95
69) Pentachlorophenol	11.01	266	300821	85.61	nq	99
70) Phenanthrene	11.22	178	1365547	37.14	nq	100
71) Anthracene	11.28	178	1494559	38.24	nq	100
72) Carbazole	11.44	167	1317505	37.41	nq	97
73) Di-n-butylphthalate	11.77	149	1538639	34.73	nq	# 98
74) Fluoranthene	12.41	202	1395644	36.60	nq	87
76) Benzidine	12.53	184	262811	20.47	nq	97
77) Pyrene	12.63	202	1331118	35.36	nq	100
79) Butylbenzylphthalate	13.25	149	665191	36.94	nq	92
80) Benzo(a)anthracene	13.81	228	1264349	38.74	nq	100
81) 3,3'-Dichlorobenzidine	13.78	252	211306	18.43	nq	# 95
82) Chrysene	13.86	228	1270270	39.47	nq	99
83) Bis(2-ethylhexyl)phthalate	13.83	149	918491	37.69	nq	# 96
84) Di-n-octyl phthalate	14.43	149	1446933	36.12	nq	99
85) Indeno(1,2,3-cd)pyrene	16.51	276	929989	34.83	nq	99
87) Benzo(b)fluoranthene	14.85	252	2106004	72.60	nq	100
88) Benzo(k)fluoranthene	14.85	252	2106004	82.77	nq	# 96
89) Benzo(a)pyrene	15.15	252	912546	36.14	nq	# 97
90) Dibenzo(a,h)anthracene	16.51	278	792805	36.32	nq	98
91) Benzo(g,h,i)perylene	16.89	276	731377	37.05	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.67 min Scan# 436

Delta R.T. -0.03 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

Instrument :

BNA_F

ClientSampleId :

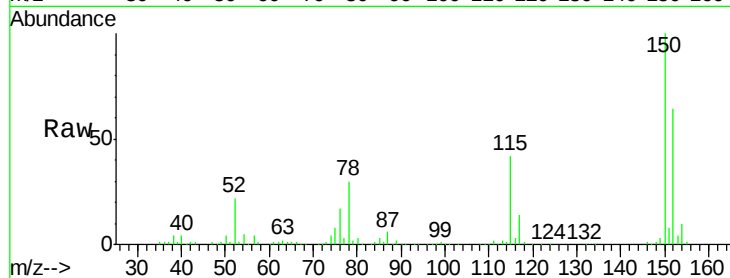
Tot Ion:152 Resp: 193212

Ion Ratio Lower Upper

152 100

150 157.0 126.8 190.2

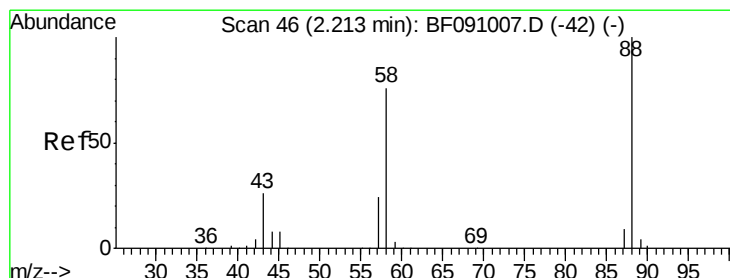
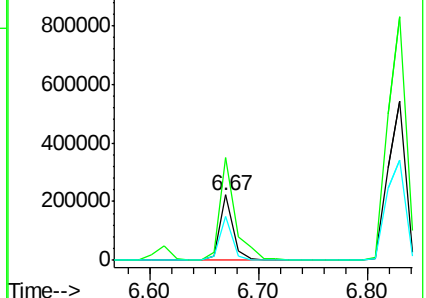
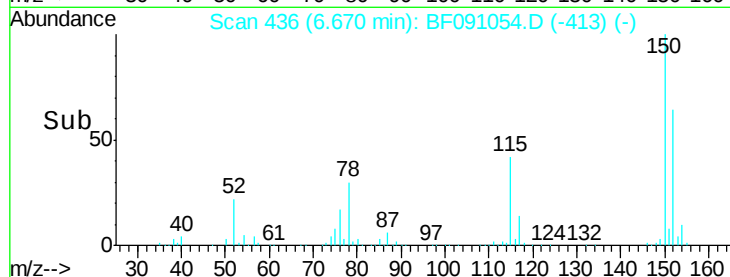
115 66.6 53.3 79.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 28.09 ng

RT: 2.22 min Scan# 47

Delta R.T. 0.01 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

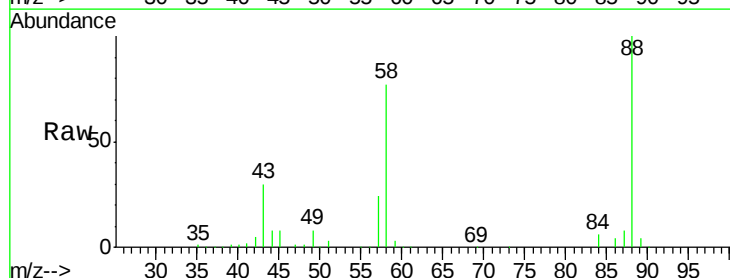
Tgt Ion: 88 Resp: 187952

Ion Ratio Lower Upper

88 100

58 80.8 63.8 95.6

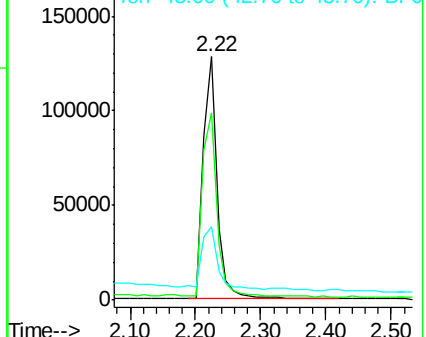
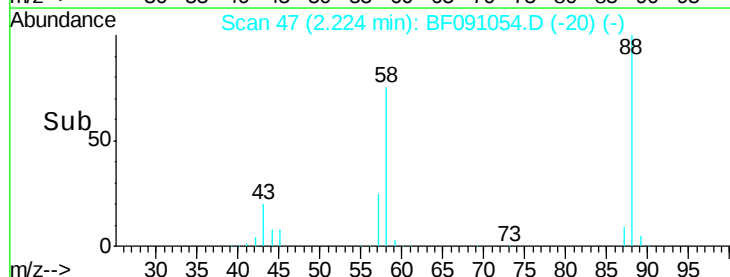
43 29.2 22.6 33.8

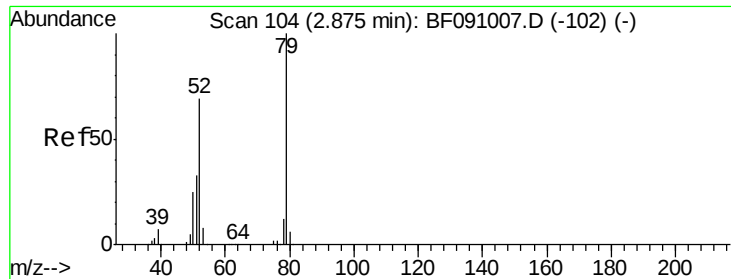


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0



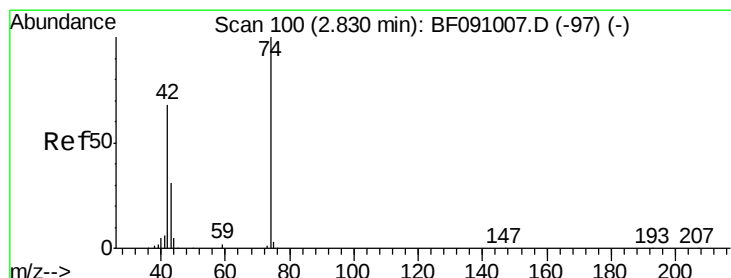
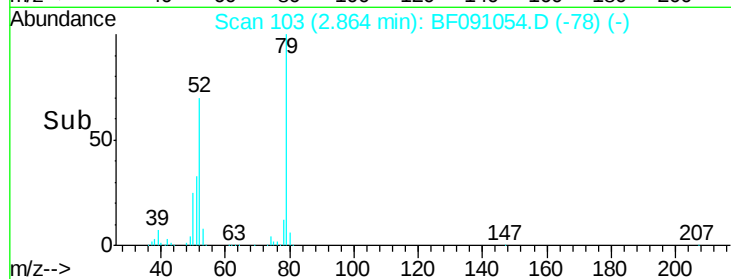
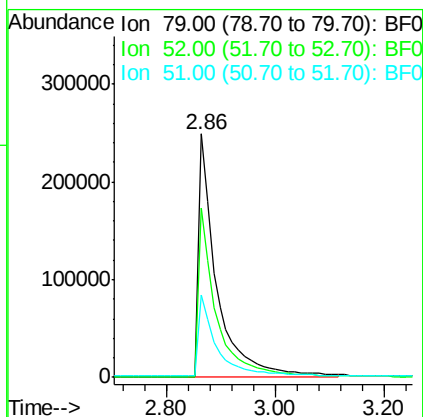
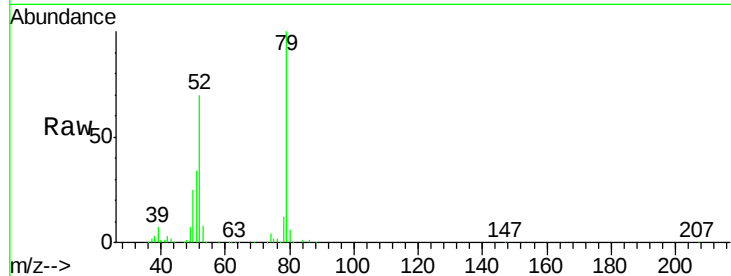


#3
 Pvridine
 Concen: 36.97 ng
 RT: 2.86 min Scan# 103
 Delta R.T. -0.01 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 578858

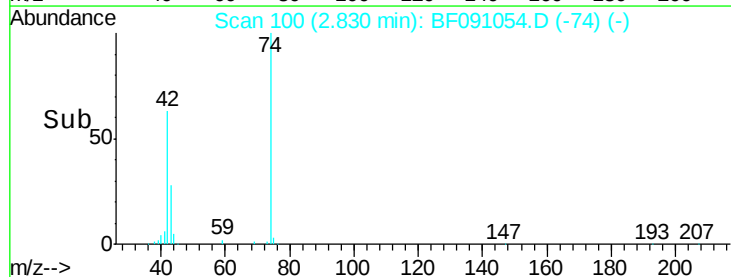
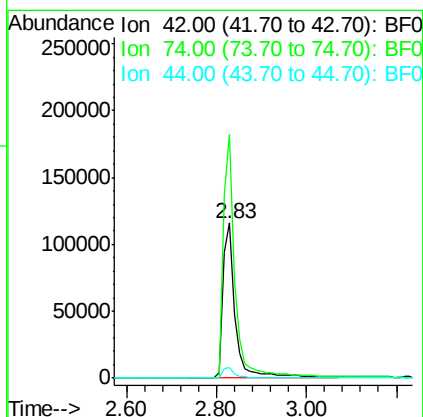
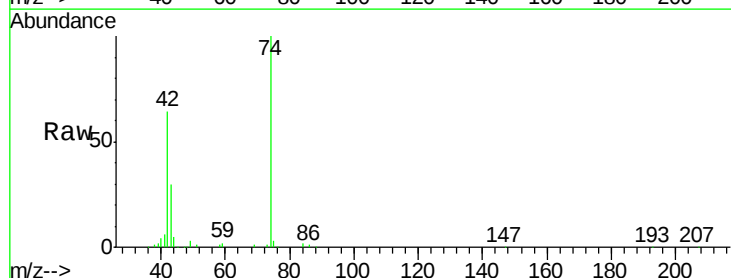
Ion	Ratio	Lower	Upper
79	100		
52	69.7	55.4	83.0
51	34.0	27.4	41.0

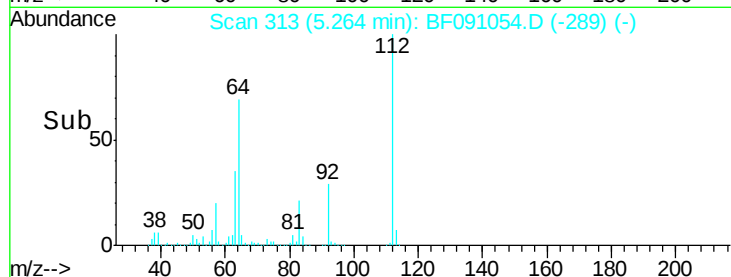
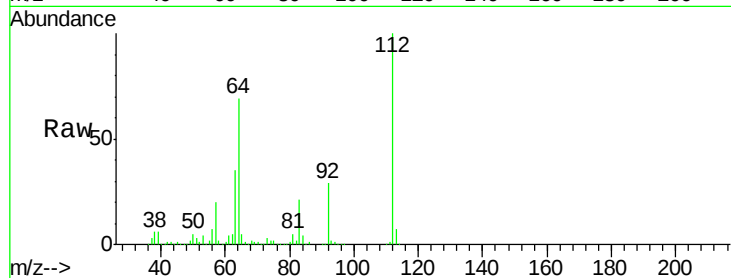
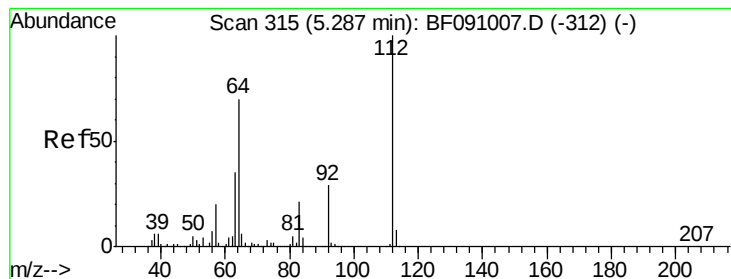


#4
 n-Nitrosodimethylamine
 Concen: 35.34 ng
 RT: 2.83 min Scan# 100
 Delta R.T. 0.00 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

Tgt Ion: 42 Resp: 218872

Ion	Ratio	Lower	Upper
42	100		
74	157.1	117.3	175.9
44	7.2	5.8	8.8





#5

2-Fluorophenol

Concen: 115.02 ng

RT: 5.26 min Scan# 313

Delta R.T. -0.02 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

Instrument :

BNA_F

ClientSampleId :

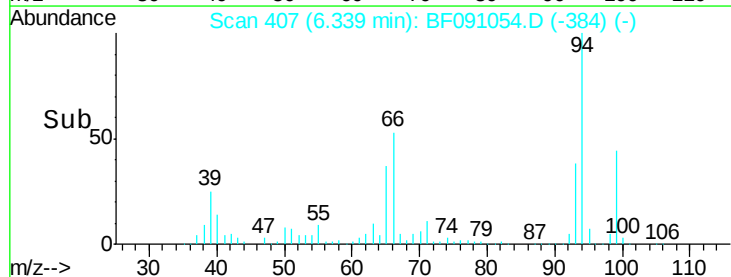
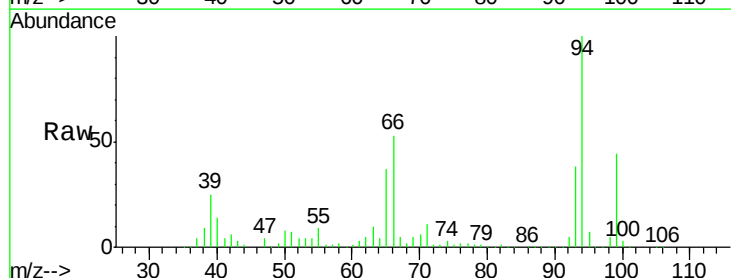
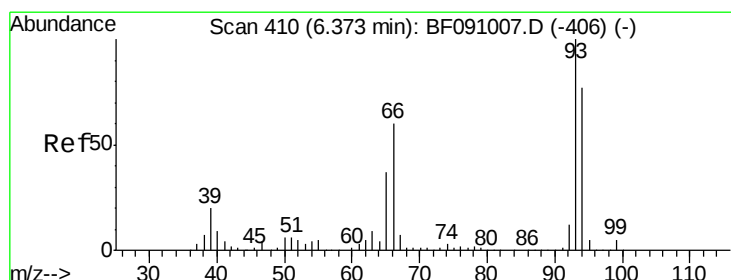
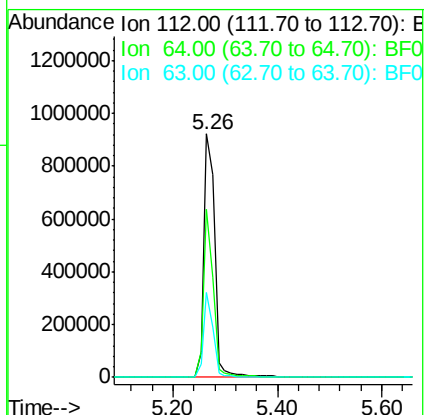
Tot Ion:112 Resp: 1345588

Ion Ratio Lower Upper

112 100

64 69.1 55.8 83.6

63 34.8 28.0 42.0



#6

Aniline

Concen: 20.50 ng

RT: 6.34 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

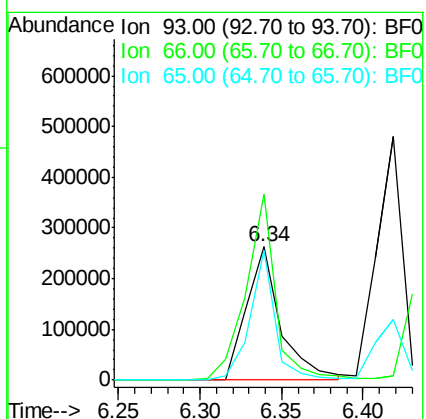
Tgt Ion: 93 Resp: 383940

Ion Ratio Lower Upper

93 100

66 139.6 48.2 72.2#

65 97.7 29.4 44.0#





#7

Phenol-d6

Concen: 105.92 ng

RT: 6.33 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

Instrument :

BNA_F

ClientSampleId :

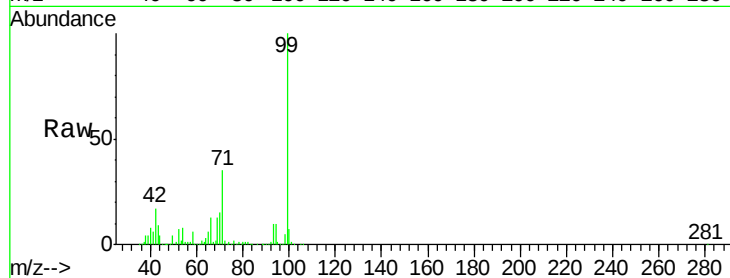
Tot Ion: 99 Resp: 1681835

Ion Ratio Lower Upper

99 100

42 17.2 13.9 20.9

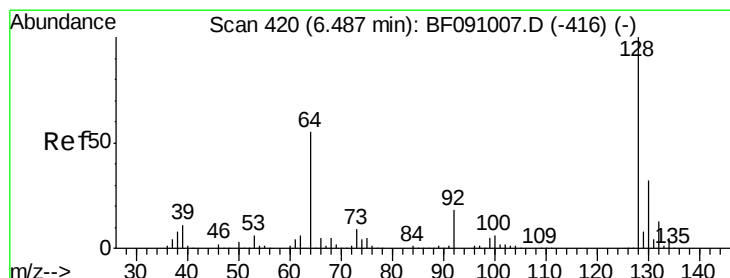
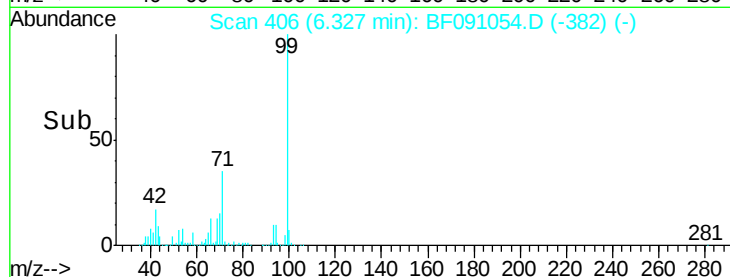
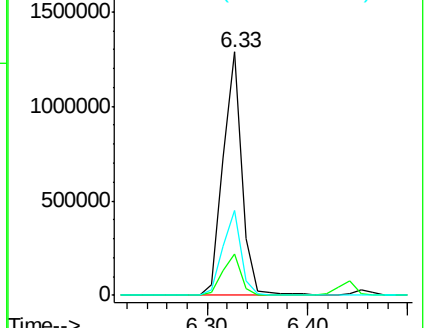
71 34.6 27.8 41.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 36.62 ng

RT: 6.45 min Scan# 417

Delta R.T. -0.03 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

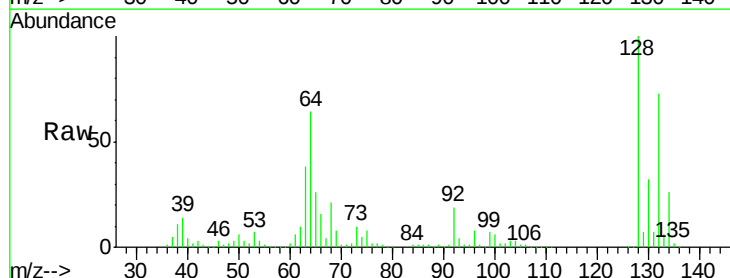
Tgt Ion:128 Resp: 511071

Ion Ratio Lower Upper

128 100

130 31.6 12.0 52.0

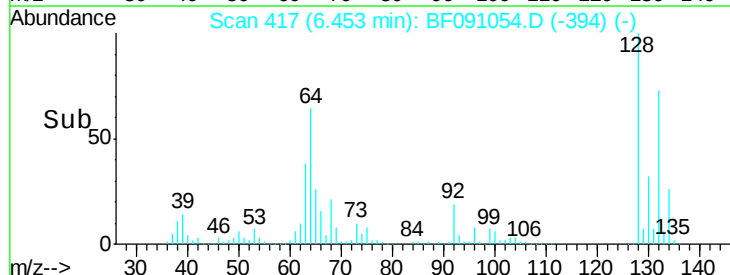
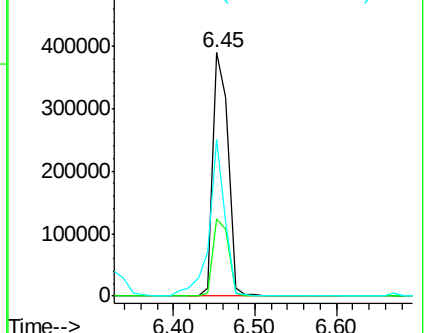
64 64.5 37.2 77.2

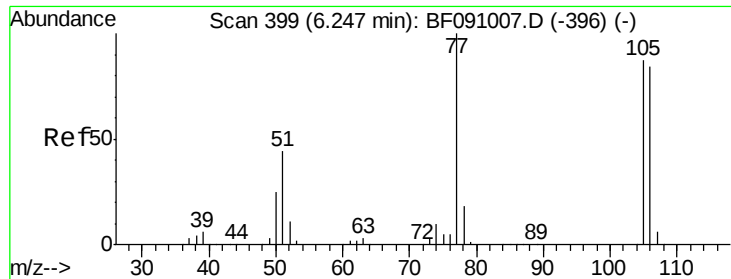


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 7.59 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.03 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

Instrument :

BNA_F

ClientSampled :

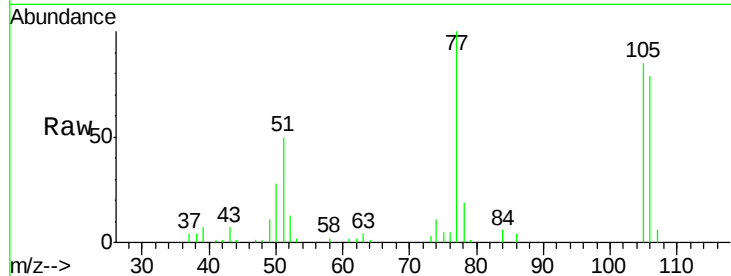
Tot Ion: 77 Resp: 66864

Ion Ratio Lower Upper

77 100

105 84.8 66.8 106.8

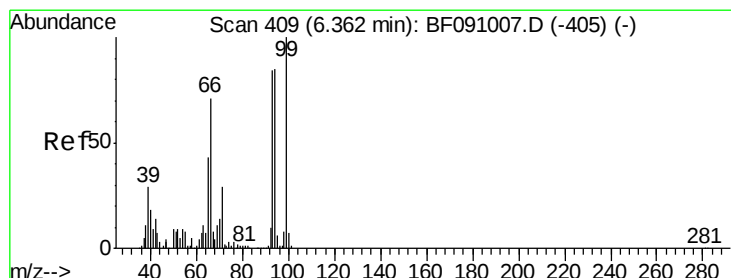
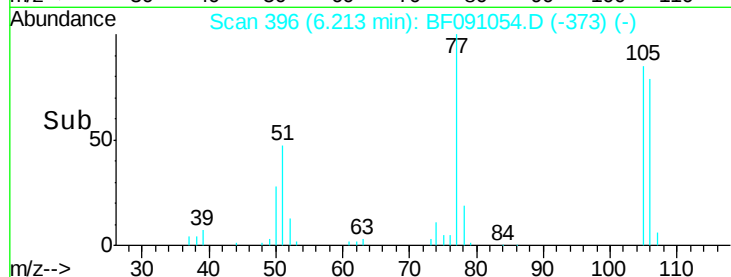
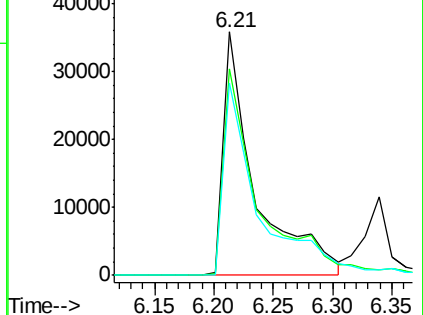
106 79.1 64.0 104.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 36.81 ng

RT: 6.34 min Scan# 407

Delta R.T. -0.02 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

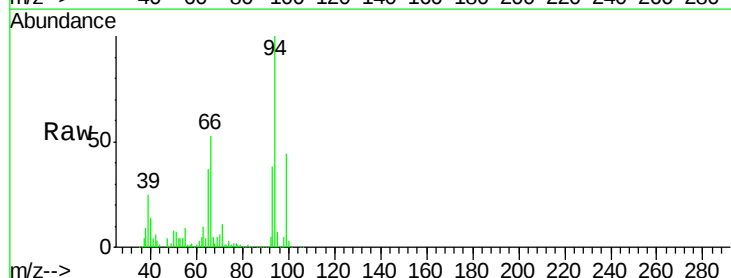
Tgt Ion: 94 Resp: 646906

Ion Ratio Lower Upper

94 100

65 37.0 30.4 70.4

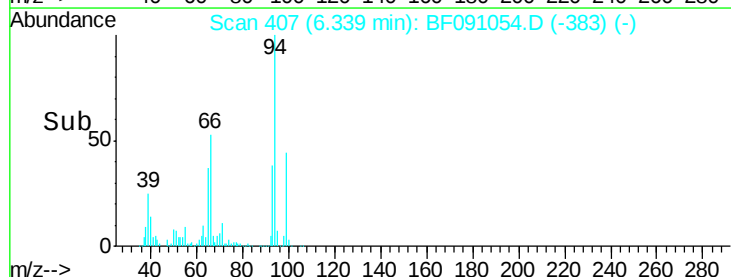
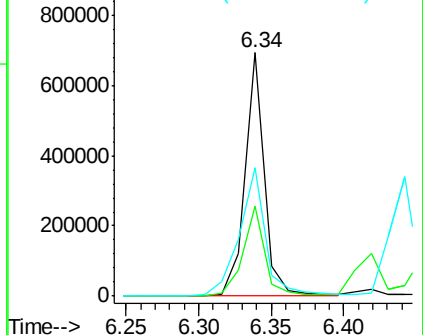
66 52.8 62.9 102.9#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 37.07 ng

RT: 6.42 min Scan# 414

Delta R.T. -0.02 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

Instrument :

BNA_F

ClientSampled :

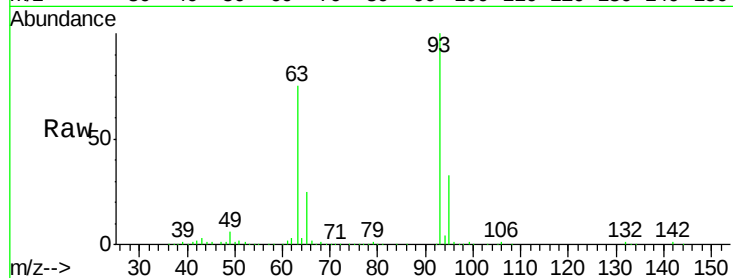
Tot Ion: 93 Resp: 549000

Ion Ratio Lower Upper

93 100

63 75.0 68.9 108.9

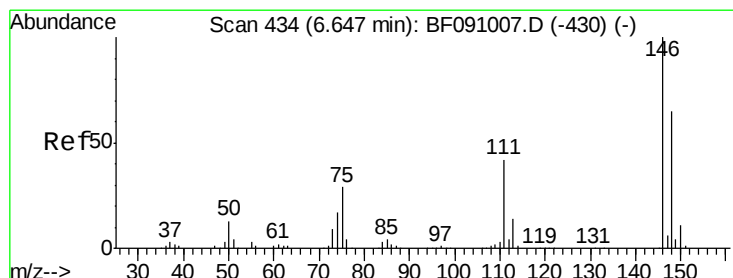
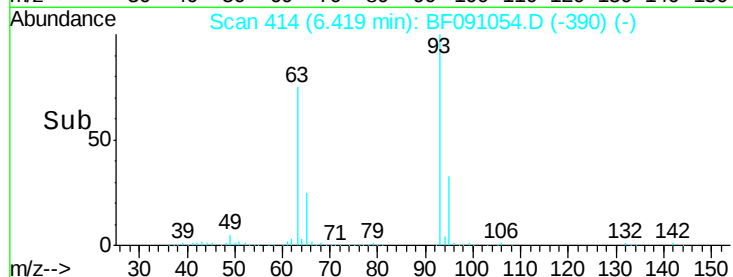
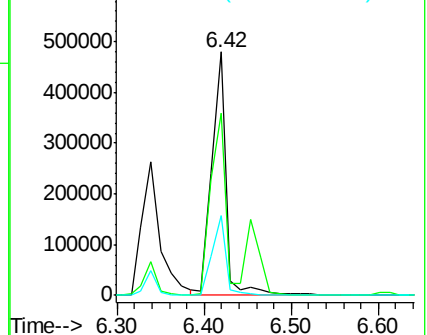
95 33.0 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 35.90 ng

RT: 6.61 min Scan# 431

Delta R.T. -0.03 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

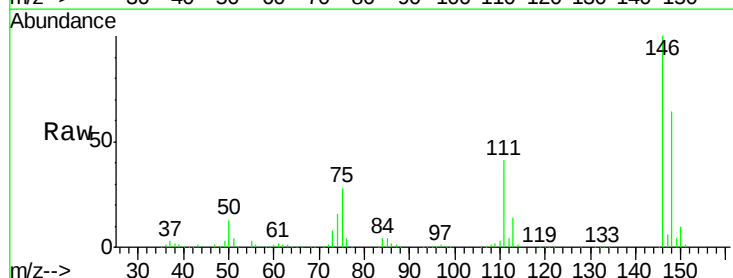
Tgt Ion: 146 Resp: 506660

Ion Ratio Lower Upper

146 100

148 64.3 52.0 78.0

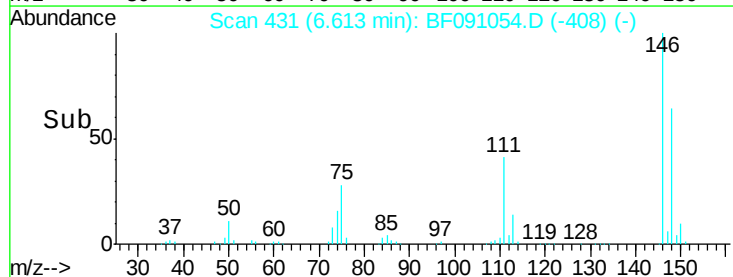
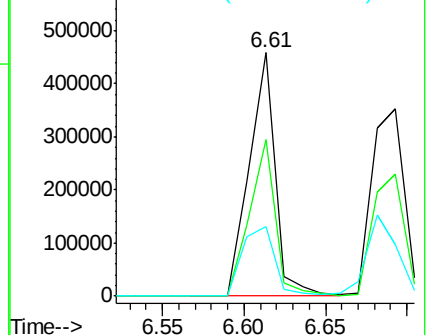
75 28.4 23.0 34.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

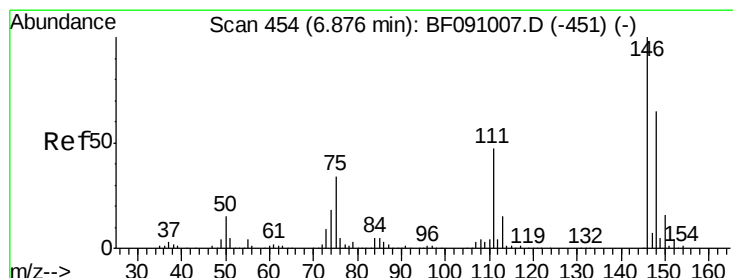
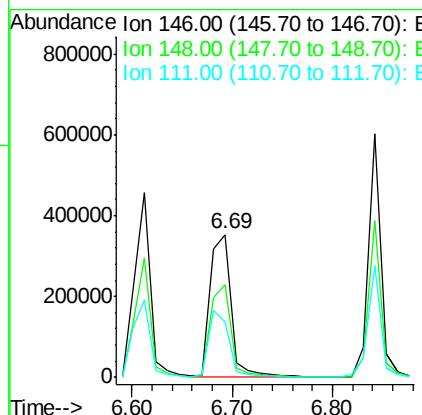
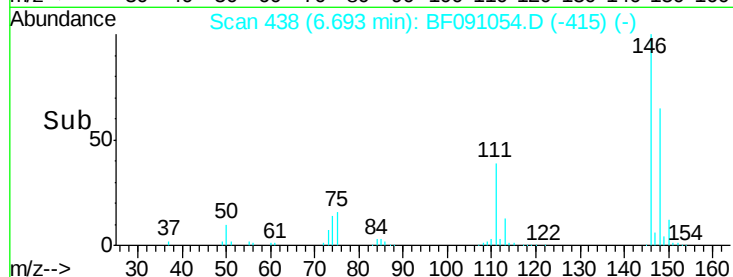
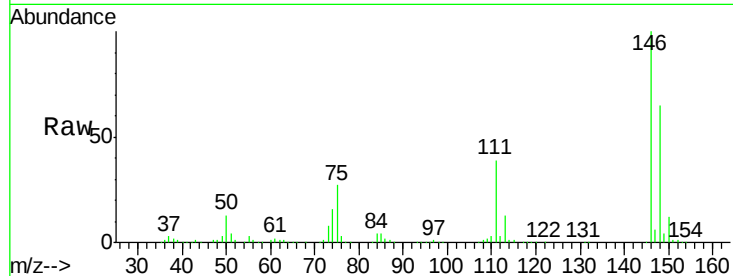




#13
 1,4-Dichlorobenzene
 Concen: 34.01 ng
 RT: 6.69 min Scan# 438
 Delta R.T. -0.03 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

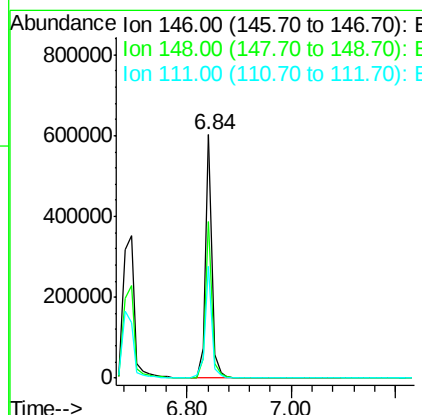
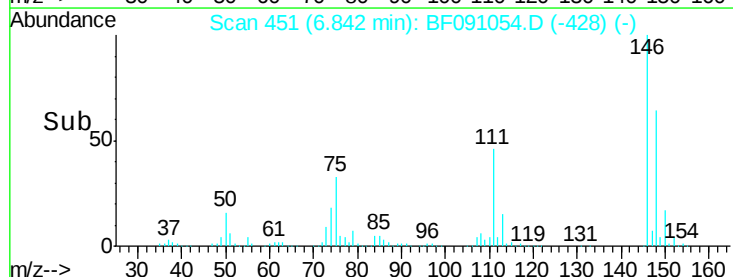
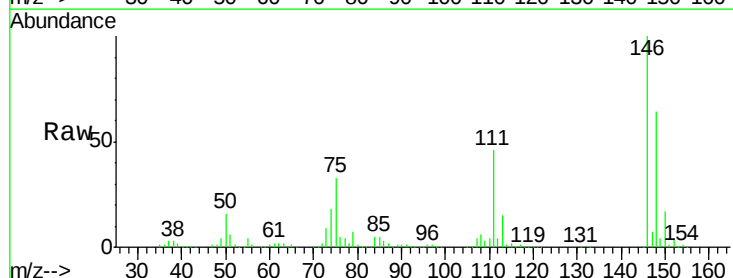
Instrument :
 BNA_F
 ClientSampleId :

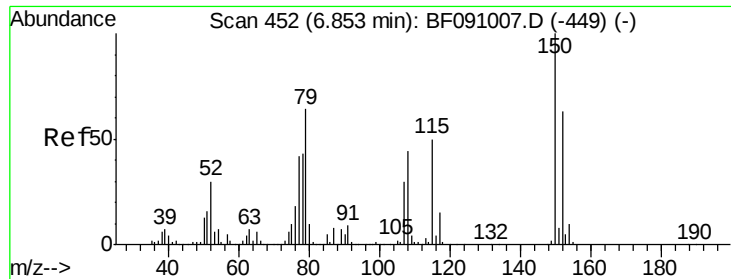
Tot Ion:146 Resp: 515030
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.1 78.1
 111 39.1 31.6 47.4



#14
 1,2-Dichlorobenzene
 Concen: 37.94 ng
 RT: 6.84 min Scan# 451
 Delta R.T. -0.03 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

Tgt Ion:146 Resp: 527252
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.6 77.4
 111 45.8 37.3 55.9





#15

Benzyl Alcohol

Concen: 40.22 ng

RT: 6.83 min Scan# 450

Delta R.T. -0.02 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

Instrument :

BNA_F

ClientSampled :

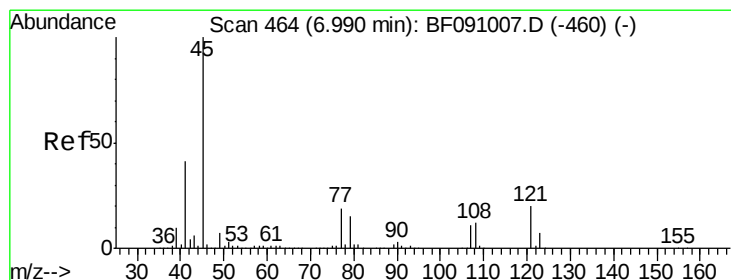
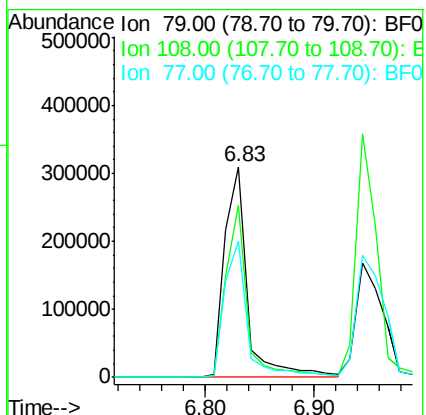
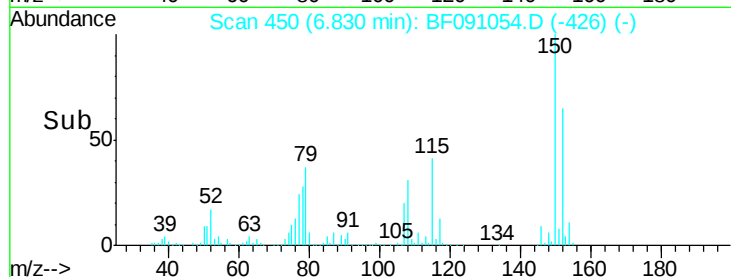
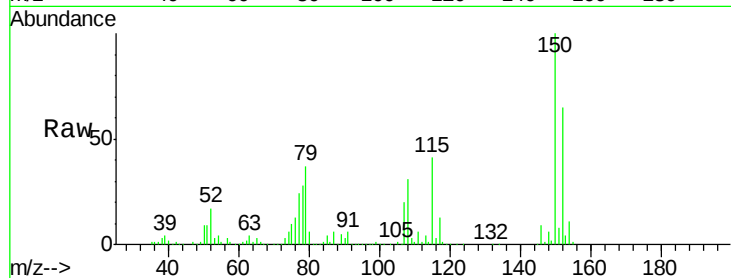
Tot Ion: 79 Resp: 450438

Ion Ratio Lower Upper

79 100

108 81.9 55.7 83.5

77 64.6 52.6 79.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.25 ng

RT: 6.97 min Scan# 462

Delta R.T. -0.02 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

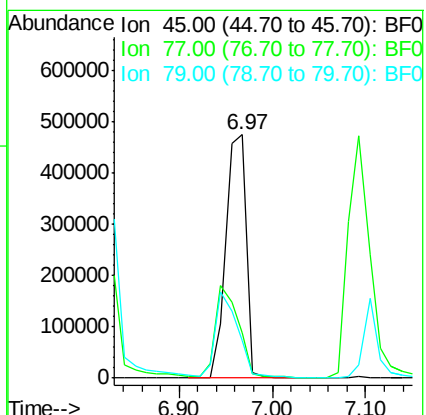
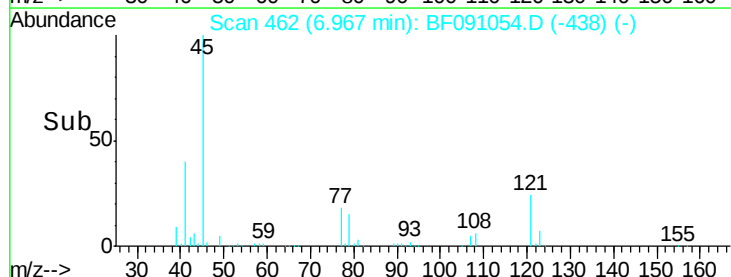
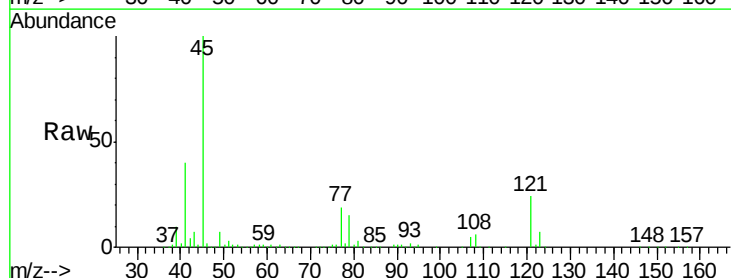
Tgt Ion: 45 Resp: 726249

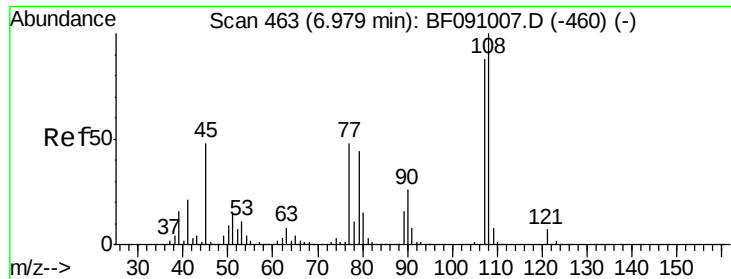
Ion Ratio Lower Upper

45 100

77 18.7 0.0 39.6

79 15.4 0.0 35.9

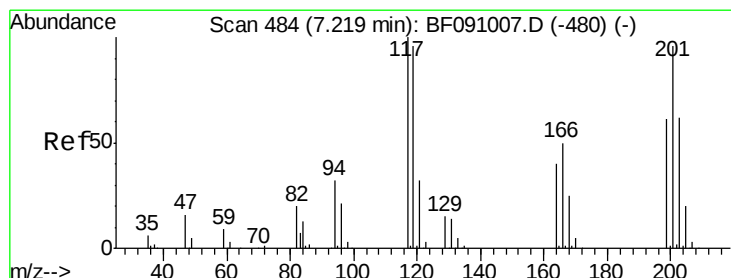
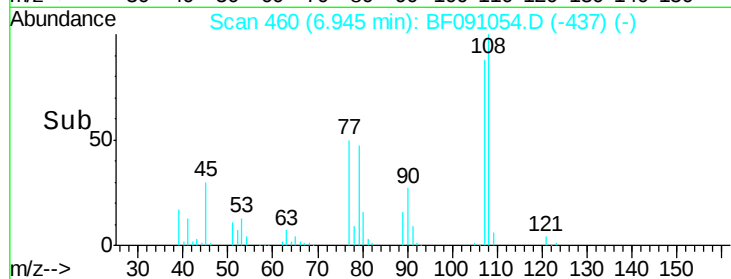
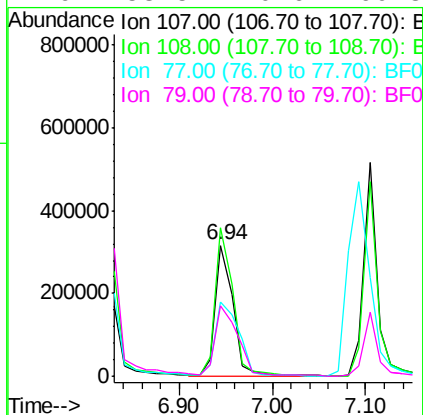
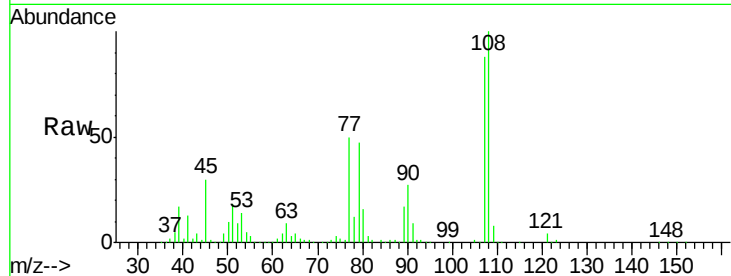




#17
2-Methylphenol
Concen: 37.19 ng
RT: 6.94 min Scan# 460
Delta R.T. -0.03 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

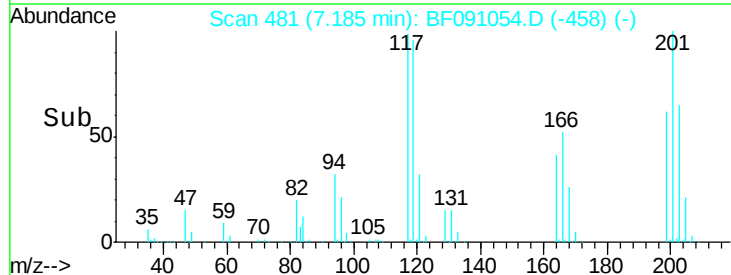
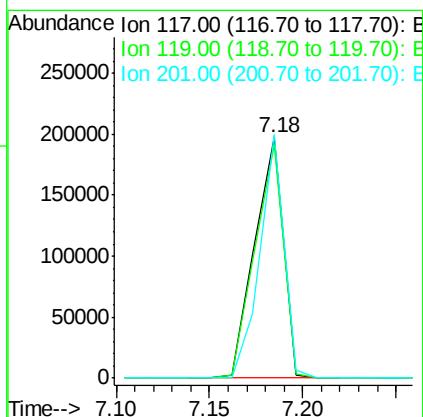
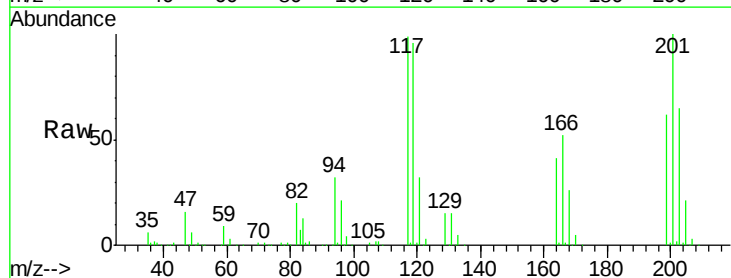
Instrument :
BNA_F
ClientSampled :

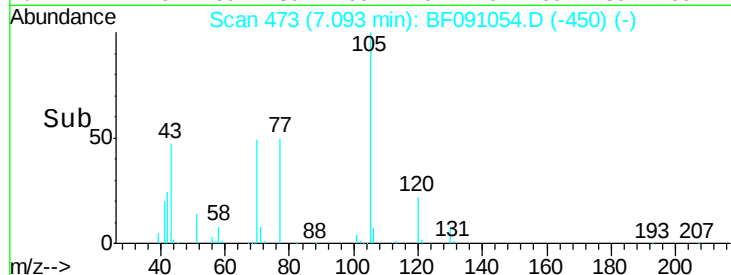
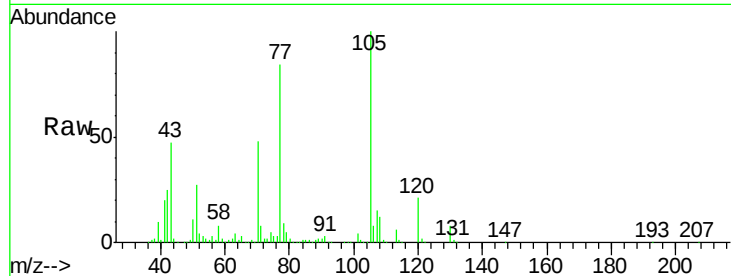
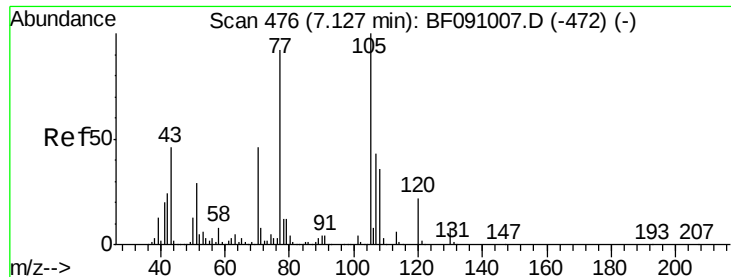
Tot Ion:107 Resp: 410821
Ion Ratio Lower Upper
107 100
108 113.4 91.0 136.6
77 56.8 43.8 65.8
79 53.5 40.6 60.8



#18
Hexachloroethane
Concen: 35.46 ng
RT: 7.18 min Scan# 481
Delta R.T. -0.03 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Tgt Ion:117 Resp: 207826
Ion Ratio Lower Upper
117 100
119 97.1 76.6 115.0
201 101.1 77.1 115.7

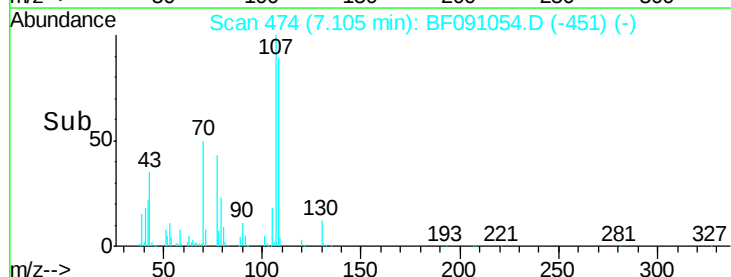
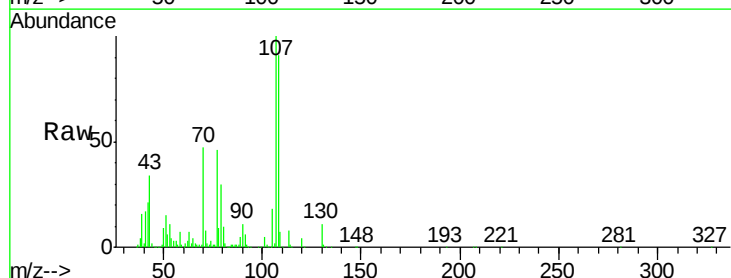
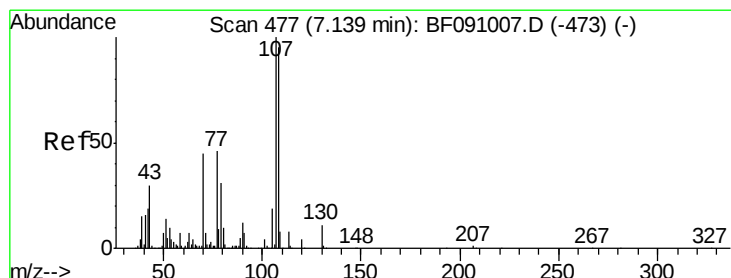
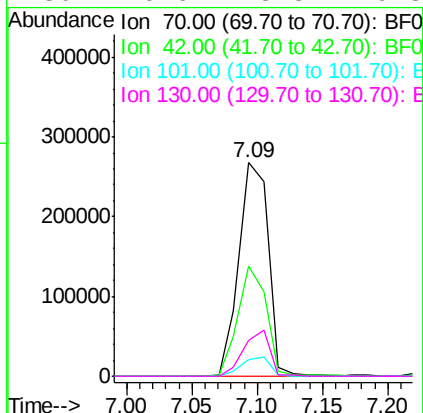




#19
n-Nitroso-di-n-propylamine
Concen: 38.36 ng
RT: 7.09 min Scan# 473
Delta R.T. -0.03 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

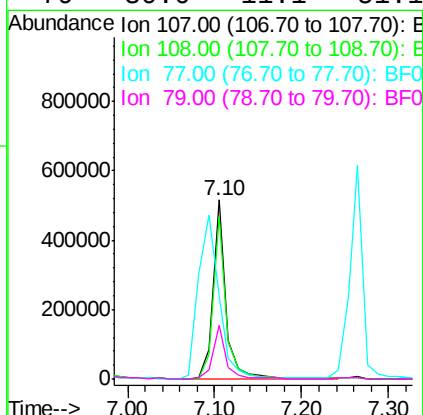
Instrument :
BNA_F
ClientSampleId :

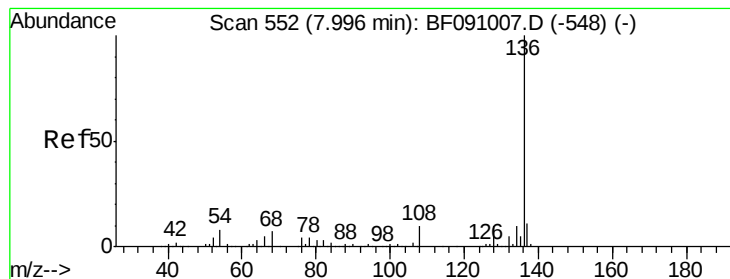
Tot Ion: 70 Resp: 422055
Ion Ratio Lower Upper
70 100
42 51.6 41.7 62.5
101 8.1 6.7 10.1
130 16.6 13.8 20.8



#20
3+4-Methylphenols
Concen: 40.59 ng
RT: 7.10 min Scan# 474
Delta R.T. -0.03 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Tgt Ion:107 Resp: 538361
Ion Ratio Lower Upper
107 100
108 91.0 75.5 115.5
77 46.3 26.4 66.4
79 30.0 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 549

Delta R.T. -0.03 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 811915

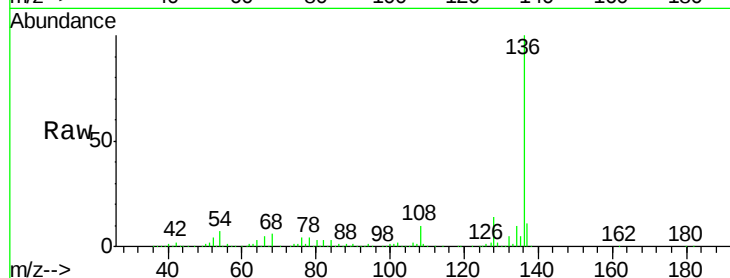
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.0 6.2 9.2

68 6.3 5.5 8.3

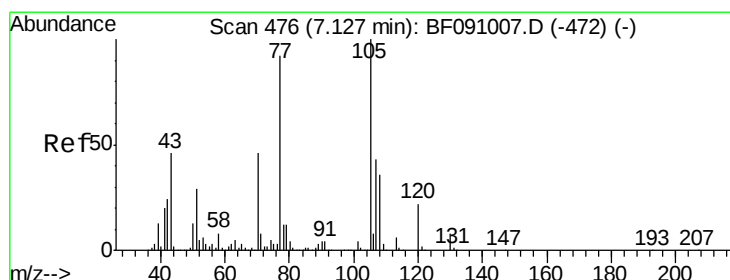
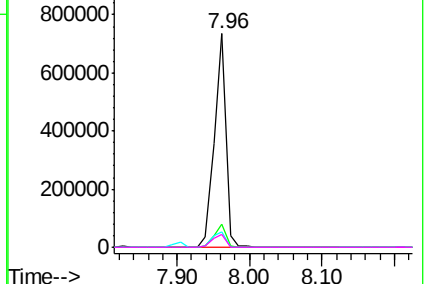
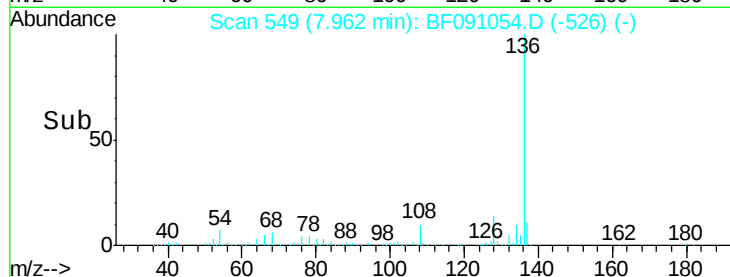


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.23 ng

RT: 7.09 min Scan# 473

Delta R.T. -0.03 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

Tgt Ion:105 Resp: 733384

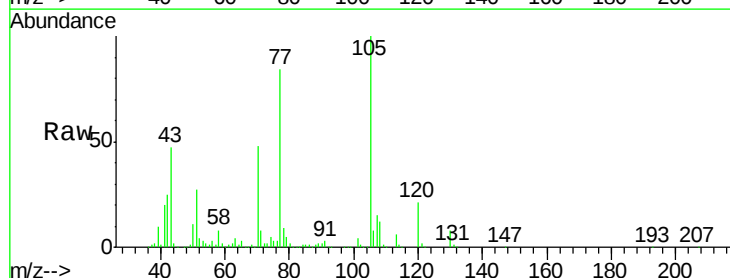
Ion Ratio Lower Upper

105 100

71 8.1 6.2 9.2

51 26.5 23.3 34.9

120 21.4 17.4 26.0

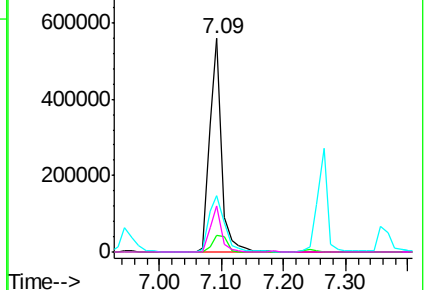
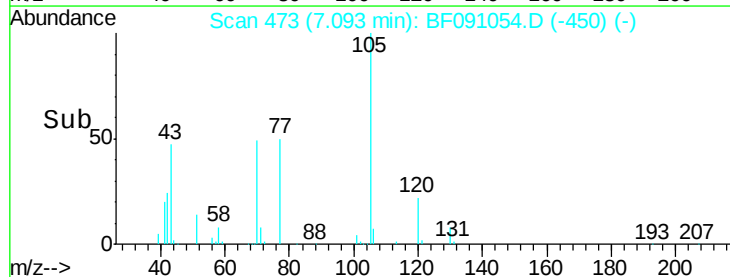


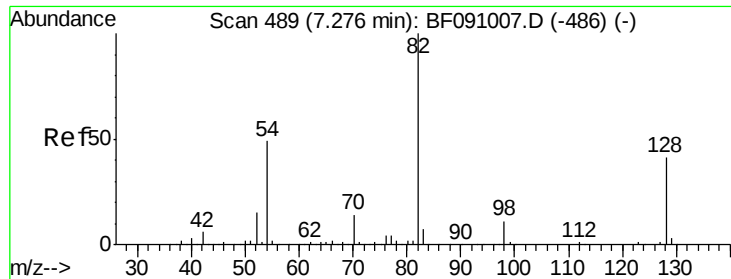
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

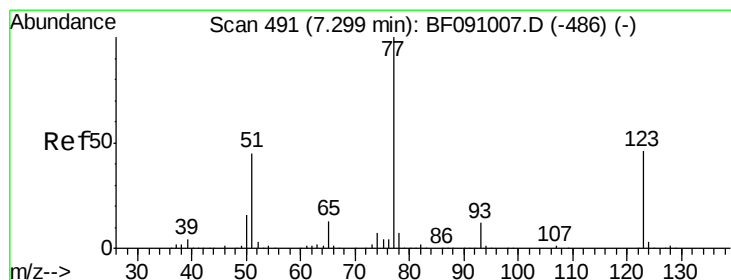
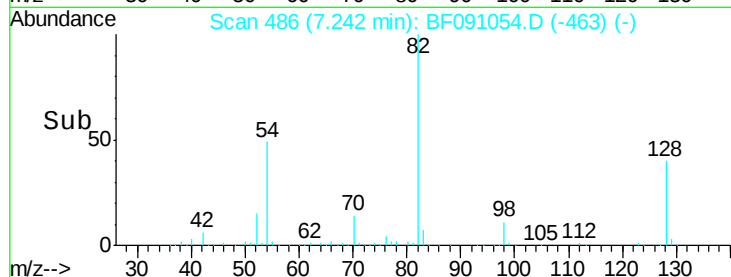
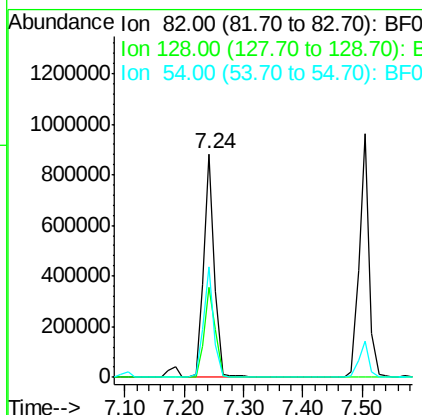
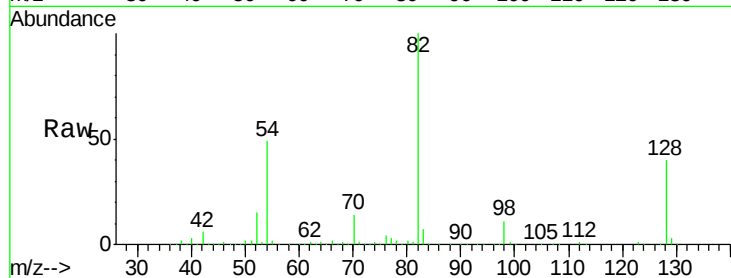




#23
 Nitrobenzene-d5
 Concen: 76.58 ng
 RT: 7.24 min Scan# 486
 Delta R.T. -0.03 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

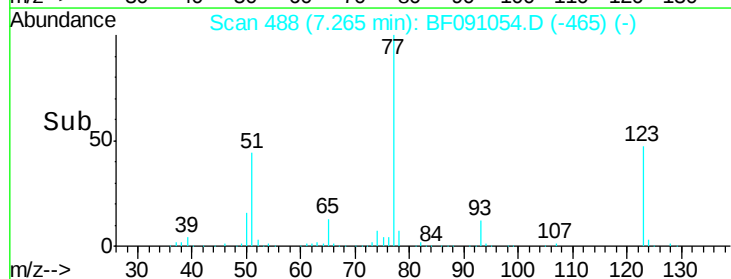
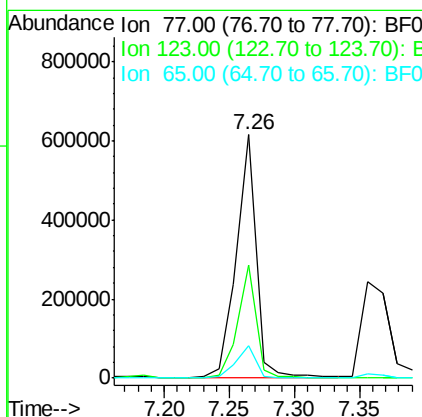
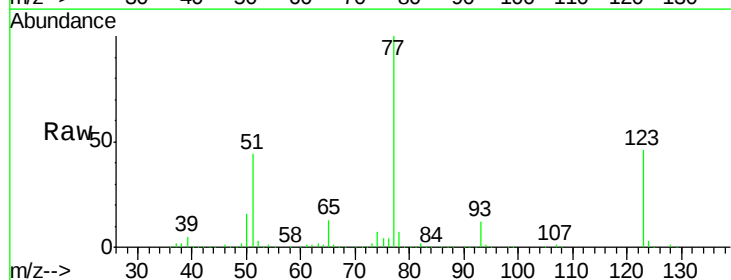
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1139808
 Ion Ratio Lower Upper
 82 100
 128 40.3 32.4 48.6
 54 49.3 39.2 58.8



#24
 Nitrobenzene
 Concen: 38.97 ng
 RT: 7.26 min Scan# 488
 Delta R.T. -0.03 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

Tgt Ion: 77 Resp: 640519
 Ion Ratio Lower Upper
 77 100
 123 46.5 36.5 54.7
 65 13.1 10.7 16.1





#25

Isophorone

Concen: 38.15 ng

RT: 7.50 min Scan# 509

Delta R.T. -0.03 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

Instrument :
BNA_F
ClientSampleId :

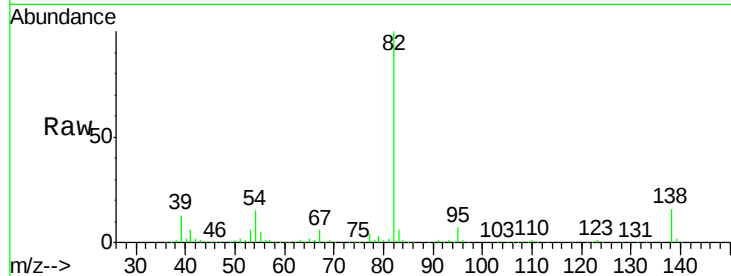
Tot Ion: 82 Resp: 1094124

Ion Ratio Lower Upper

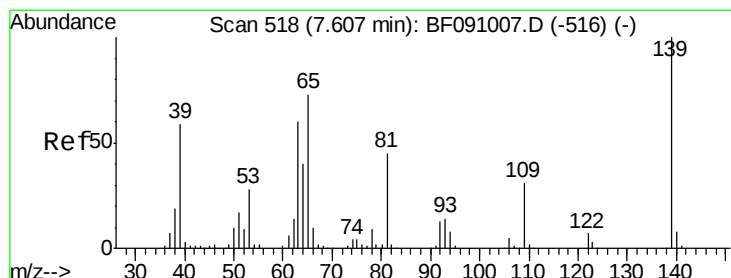
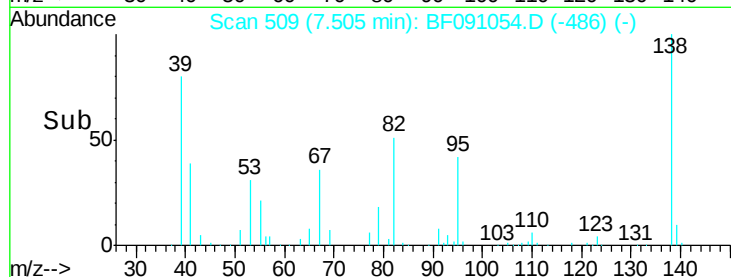
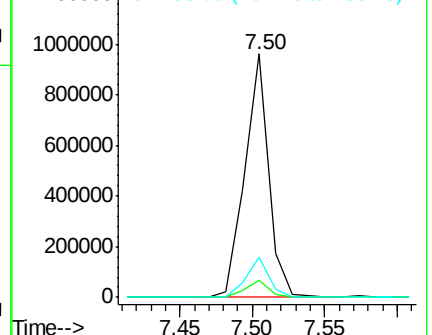
82 100

95 6.9 5.4 8.0

138 16.3 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 37.99 ng

RT: 7.58 min Scan# 516

Delta R.T. -0.02 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

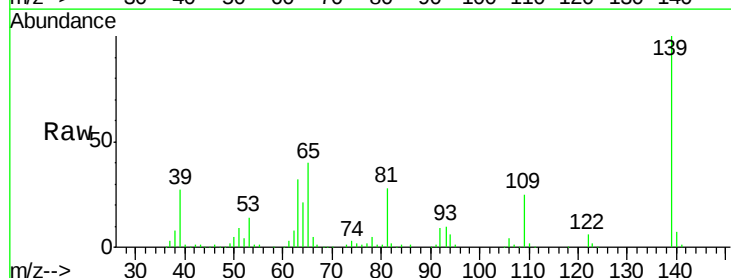
Tgt Ion: 139 Resp: 264238

Ion Ratio Lower Upper

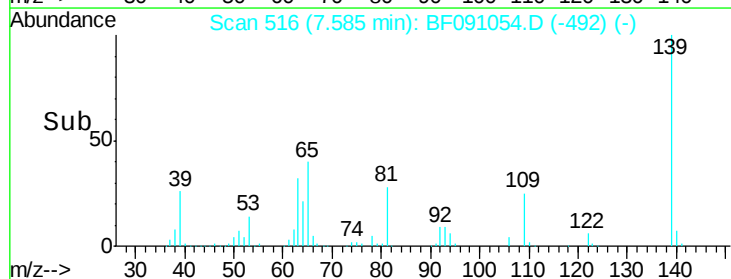
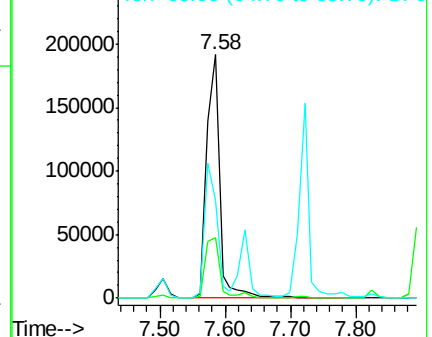
139 100

109 24.9 24.7 37.1

65 40.2 58.3 87.5#



Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0

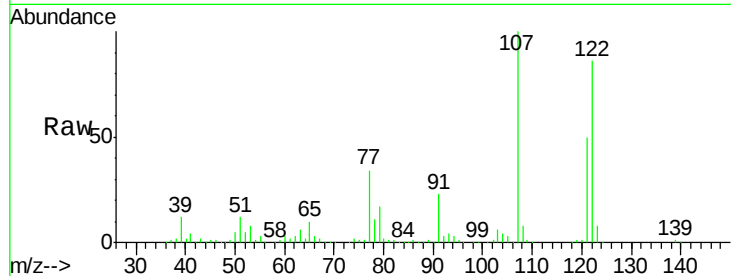




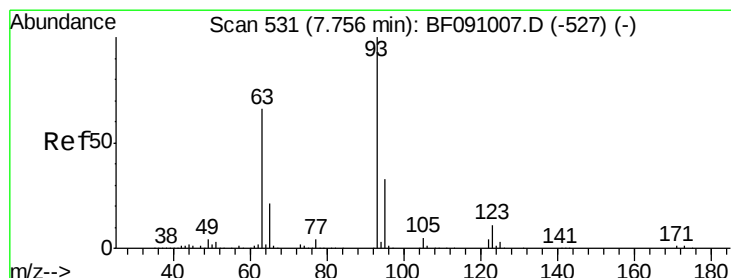
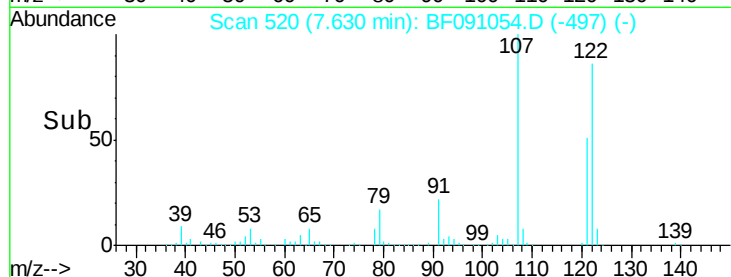
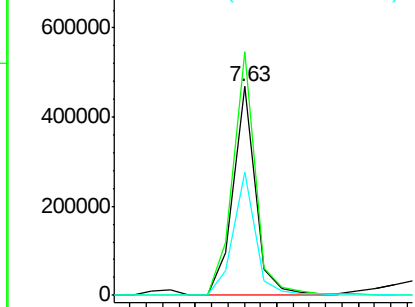
#27
 2,4-Dimethylphenol
 Concen: 38.78 ng
 RT: 7.63 min Scan# 520
 Delta R.T. -0.03 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 446162
 Ion Ratio Lower Upper
 122 100
 107 116.6 89.6 134.4
 121 58.8 46.3 69.5

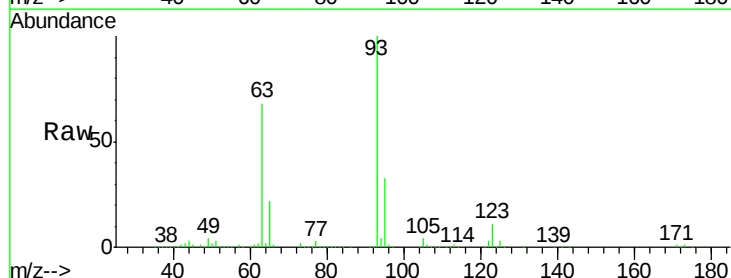


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

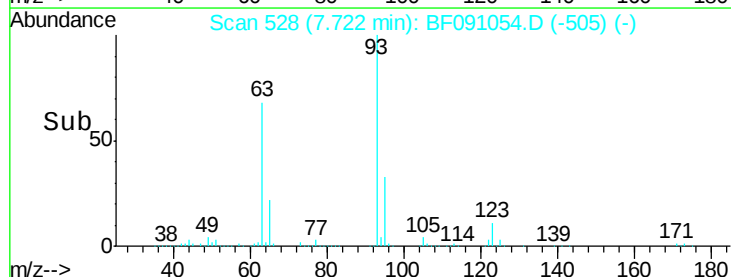
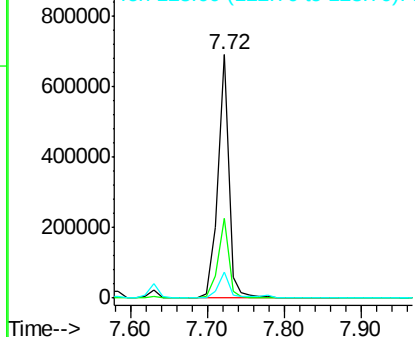


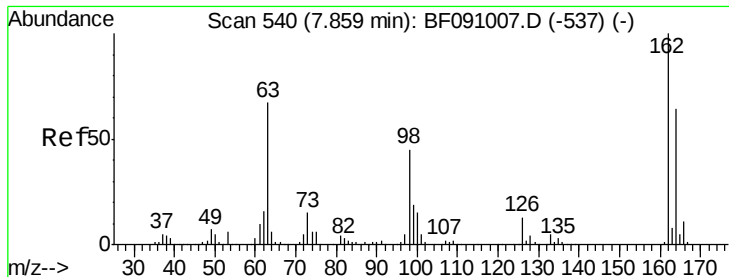
#28
 bis(2-Chloroethoxy)methane
 Concen: 43.35 ng
 RT: 7.72 min Scan# 528
 Delta R.T. -0.03 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

Tgt Ion: 93 Resp: 679222
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.3 39.5
 123 10.8 8.7 13.1



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

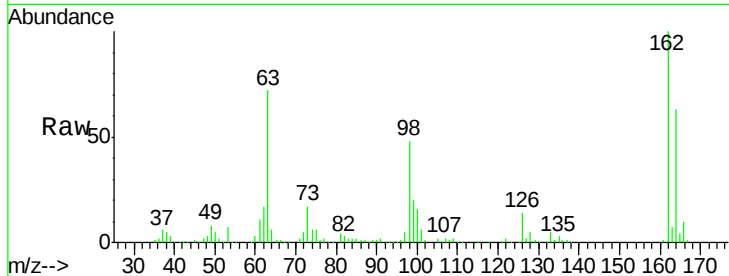




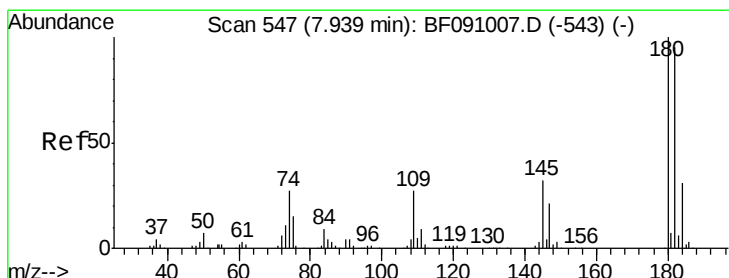
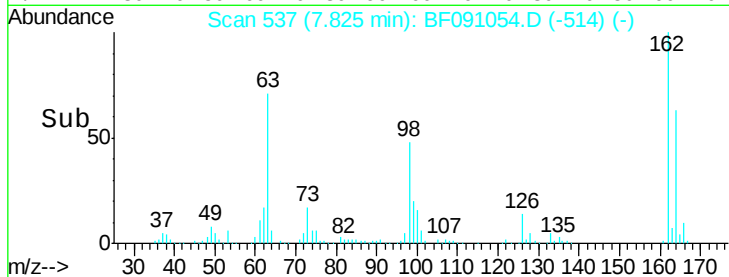
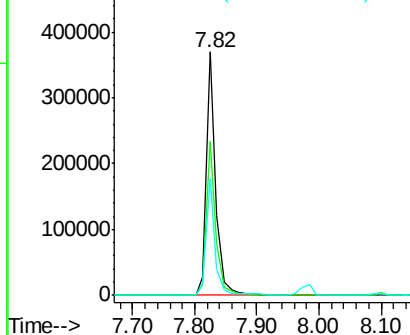
#29
 2,4-Dichlorophenol
 Concen: 38.65 ng
 RT: 7.82 min Scan# 537
 Delta R.T. -0.03 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 388090
 Ion Ratio Lower Upper
 162 100
 164 63.4 44.4 84.4
 98 47.9 25.2 65.2

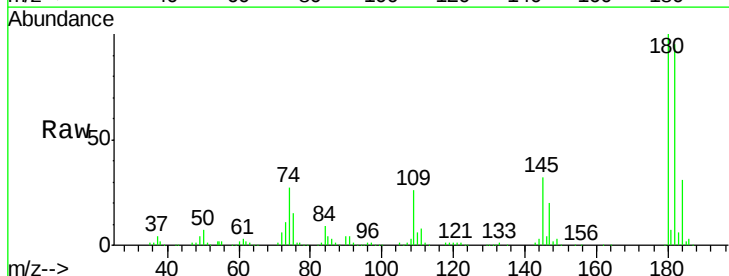


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

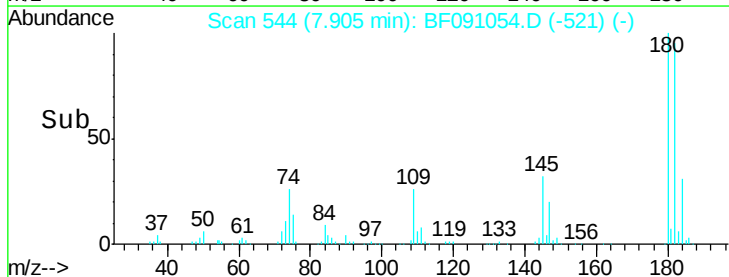
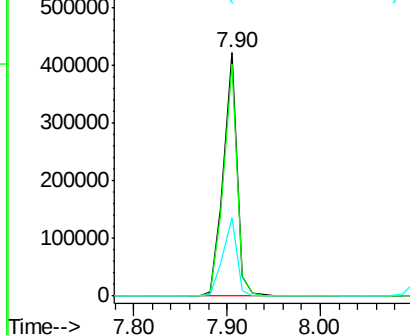


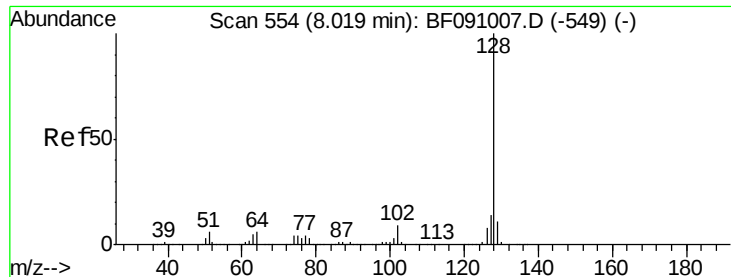
#30
 1,2,4-Trichlorobenzene
 Concen: 37.88 ng
 RT: 7.90 min Scan# 544
 Delta R.T. -0.03 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

Tgt Ion:180 Resp: 427620
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.0 114.0
 145 32.0 25.8 38.8



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

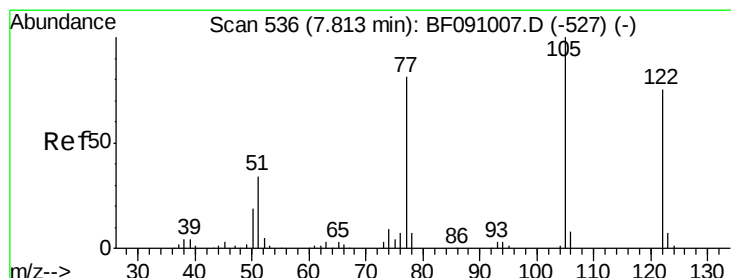
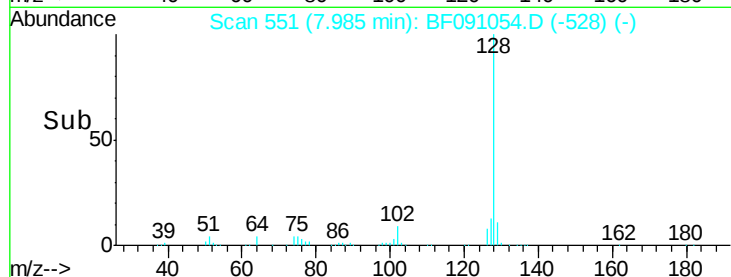
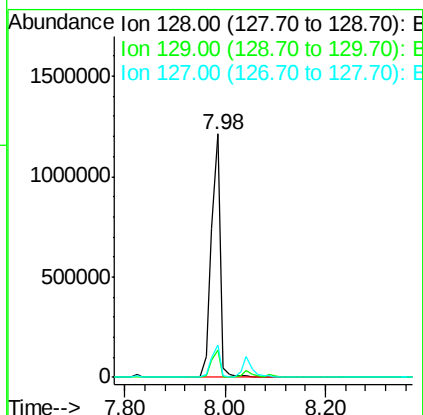
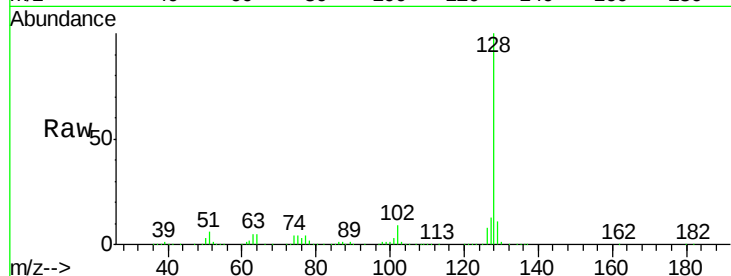




#31
Naphthalene
Concen: 38.25 ng
RT: 7.98 min Scan# 551
Delta R.T. -0.03 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

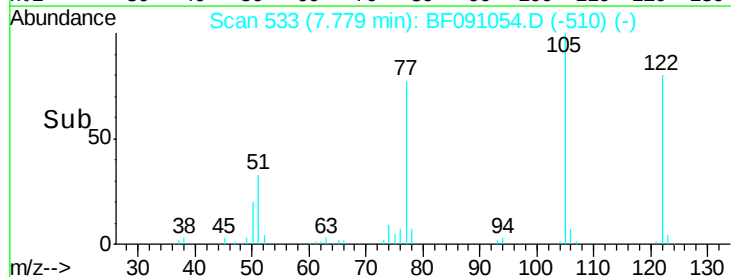
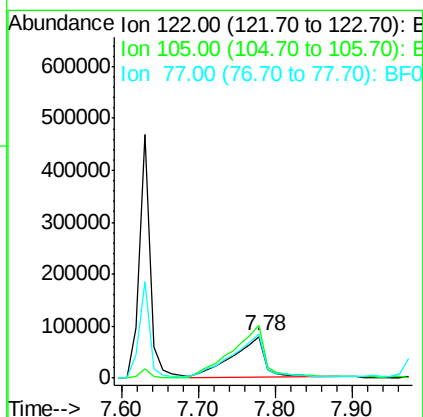
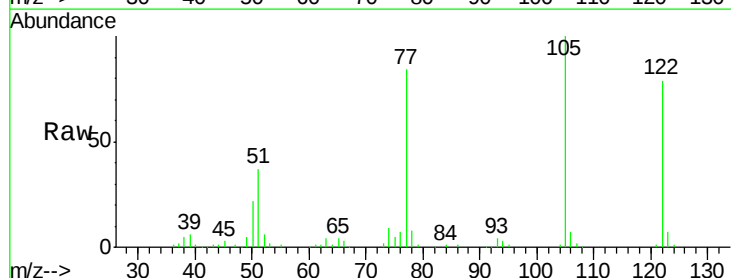
Instrument :
BNA_F
ClientSampleId :

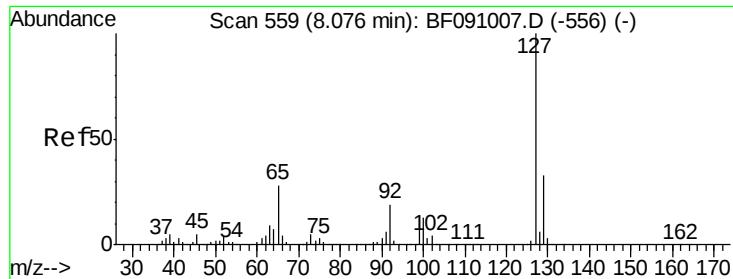
Tot Ion:128 Resp: 1485160
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.4 10.9 16.3



#32
Benzoic acid
Concen: 28.48 ng
RT: 7.78 min Scan# 533
Delta R.T. -0.03 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Tgt Ion:122 Resp: 234938
Ion Ratio Lower Upper
122 100
105 126.4 105.9 145.9
77 105.9 84.0 124.0

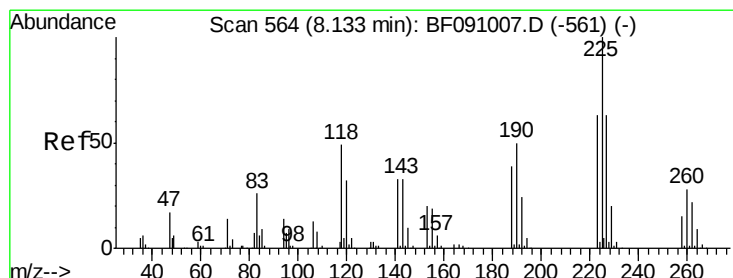
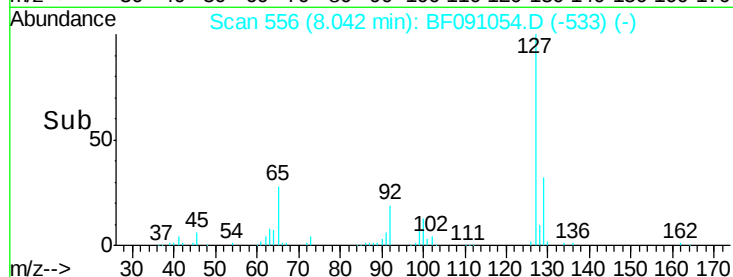
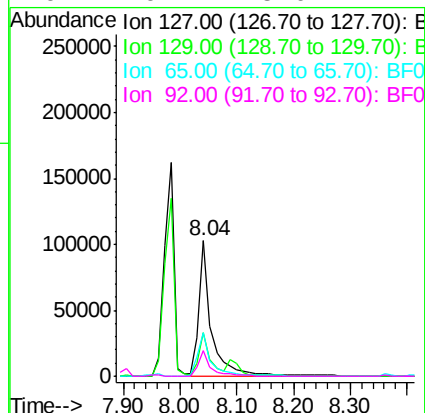
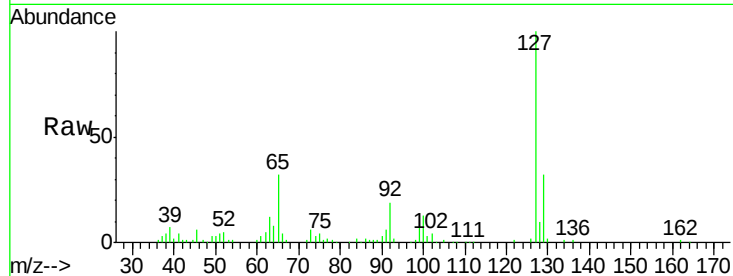




#33
4-Chloroaniline
Concen: 9.59 ng
RT: 8.04 min Scan# 556
Delta R.T. -0.03 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

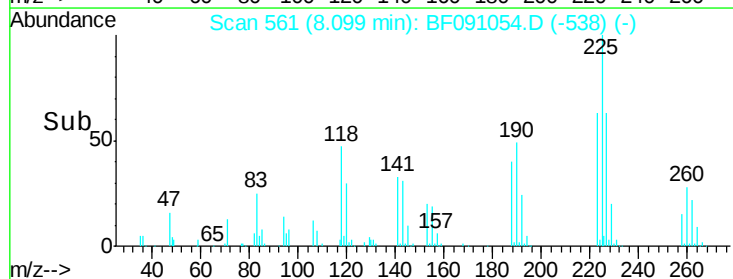
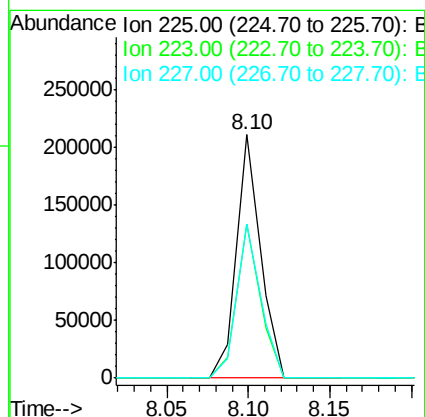
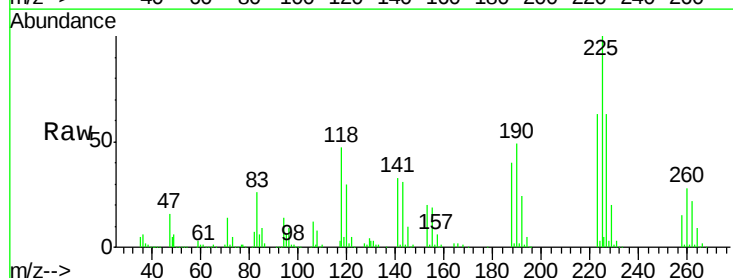
Instrument :
BNA_F
ClientSampleId :

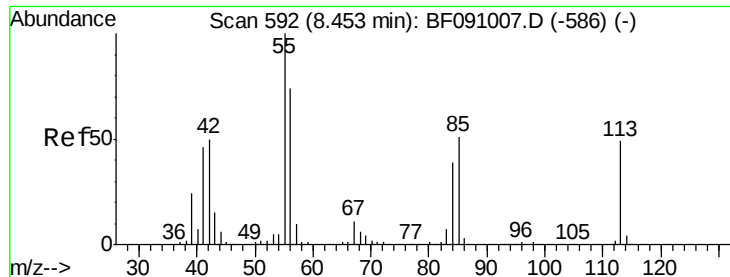
Tot Ion:	127	Resp:	154896
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.6	39.8
65	31.9	22.2	33.2
92	19.1	15.0	22.4



#34
Hexachlorobutadiene
Concen: 35.21 ng
RT: 8.10 min Scan# 561
Delta R.T. -0.03 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Tgt Ion:	225	Resp:	214542
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.4	75.6
227	63.3	50.1	75.1

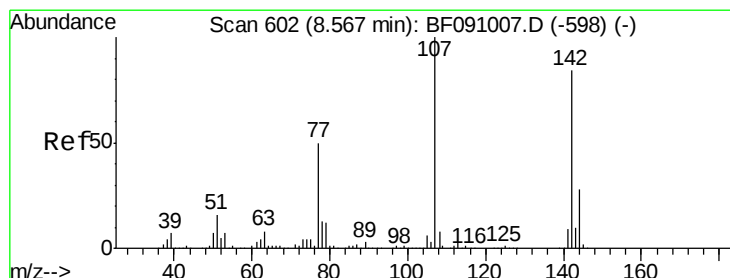
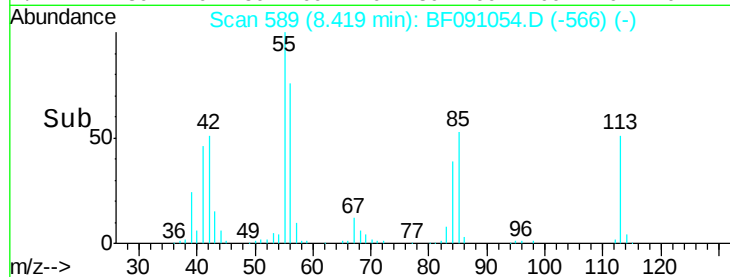
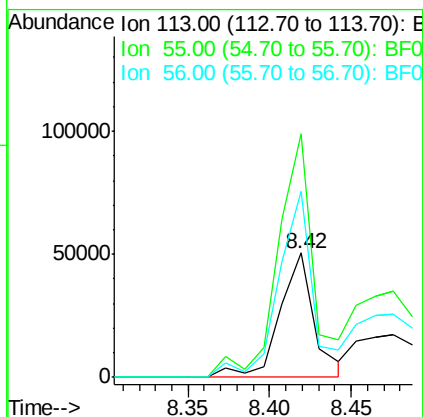
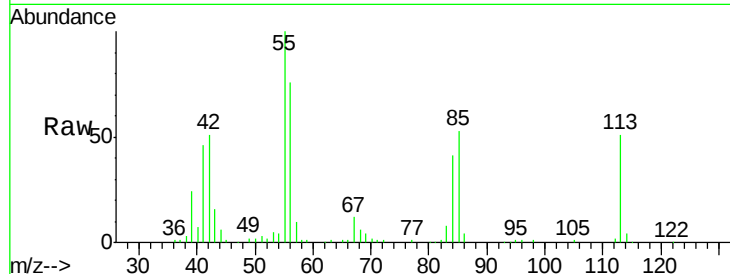




#35
 Caprolactam
 Concen: 23.50 ng
 RT: 8.42 min Scan# 589
 Delta R.T. -0.03 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

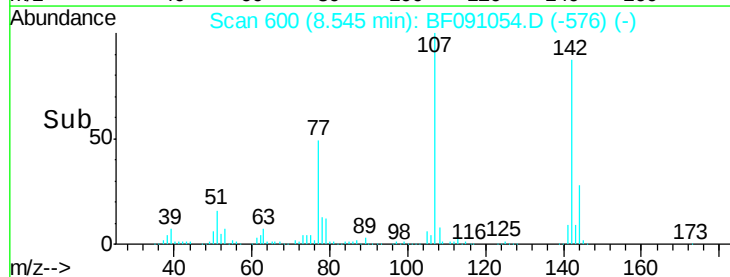
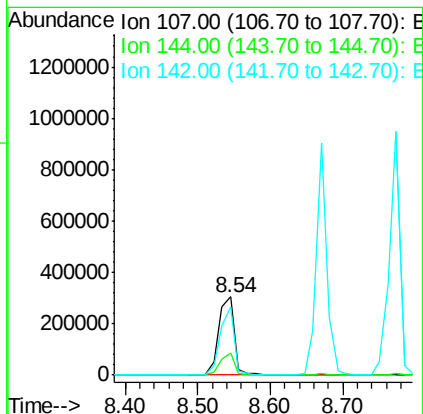
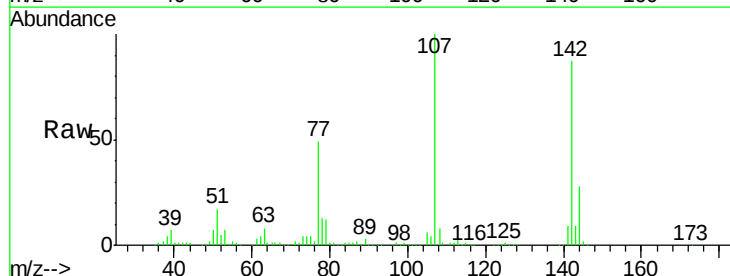
Instrument :
 BNA_F
 ClientSampleId :

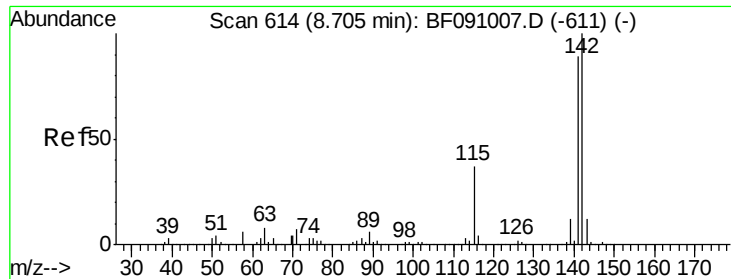
Tot Ion:113 Resp: 74128
 Ion Ratio Lower Upper
 113 100
 55 196.2 184.1 224.1
 56 149.4 132.0 172.0



#36
 4-Chloro-3-methylphenol
 Concen: 38.41 ng
 RT: 8.54 min Scan# 600
 Delta R.T. -0.02 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

Tgt Ion:107 Resp: 466856
 Ion Ratio Lower Upper
 107 100
 144 28.5 22.5 33.7
 142 87.4 67.4 101.2

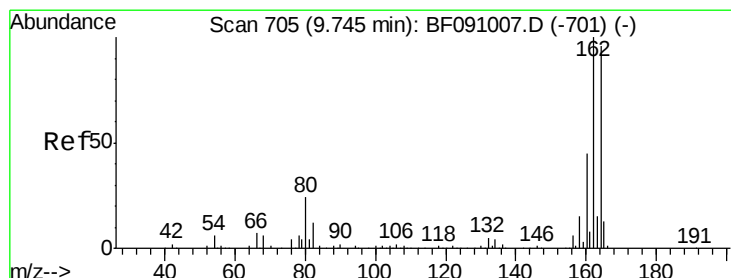
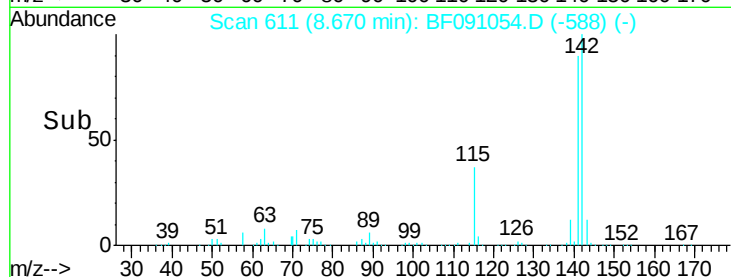
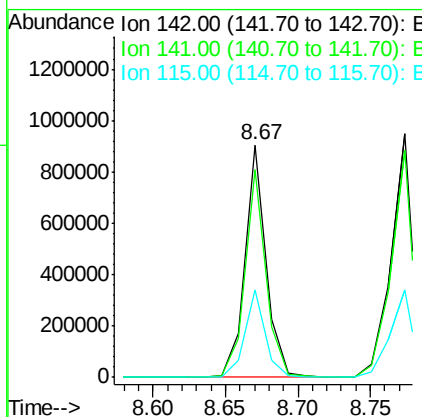
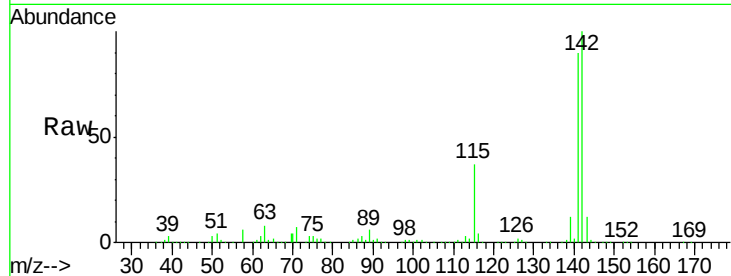




#37
2-Methylnaphthalene
Concen: 36.47 ng
RT: 8.67 min Scan# 611
Delta R.T. -0.03 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

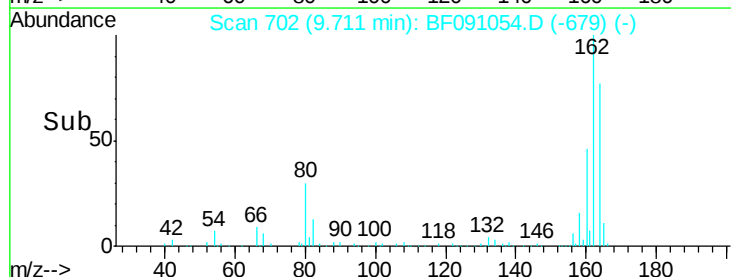
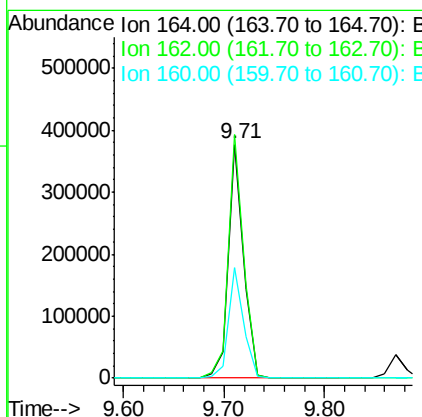
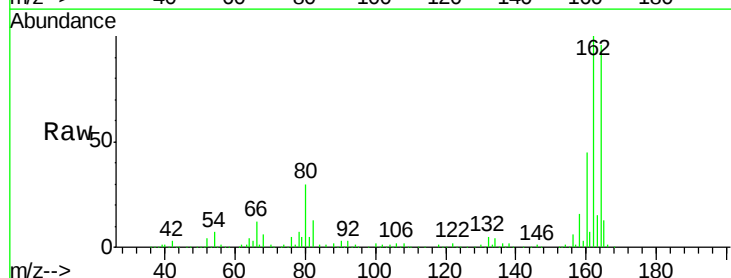
Instrument :
BNA_F
ClientSampleId :

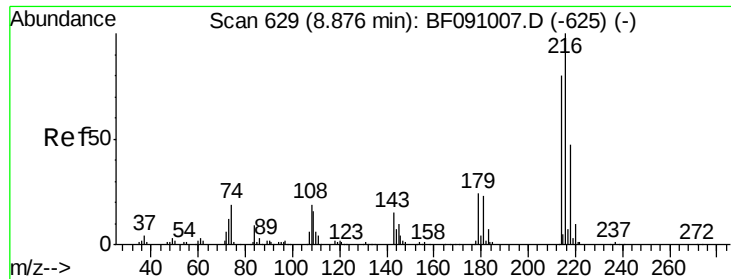
Tot Ion:142 Resp: 910224
Ion Ratio Lower Upper
142 100
141 89.5 71.3 106.9
115 37.5 29.9 44.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.71 min Scan# 702
Delta R.T. -0.03 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Tgt Ion:164 Resp: 395864
Ion Ratio Lower Upper
164 100
162 104.2 83.6 125.4
160 47.4 37.9 56.9

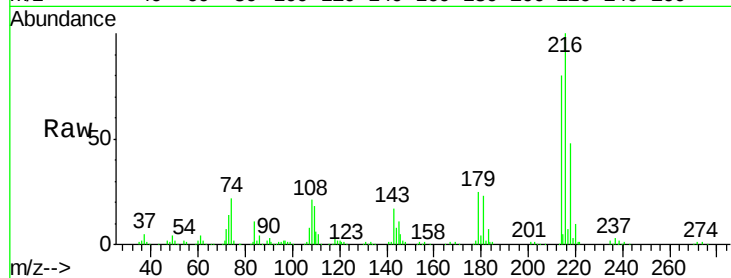




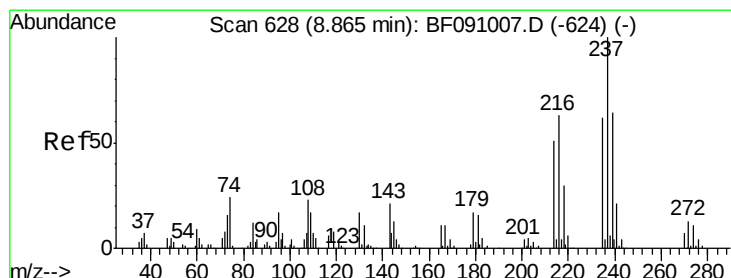
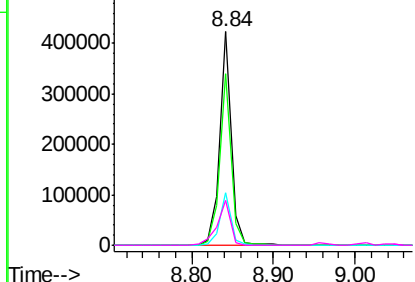
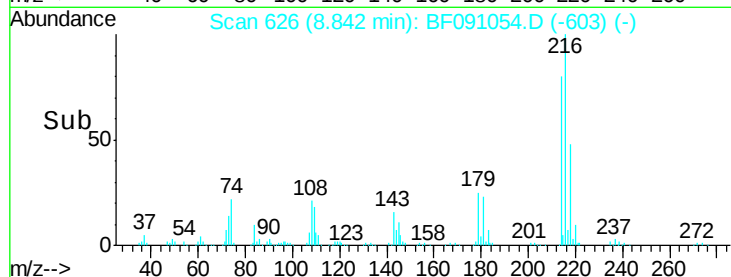
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.11 ng
 RT: 8.84 min Scan# 626
 Delta R.T. -0.03 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	414879
Ion Ratio	Lower	Upper
216	100	
214	79.6	63.5 95.3
179	23.6	19.1 28.7
108	24.4	17.5 26.3

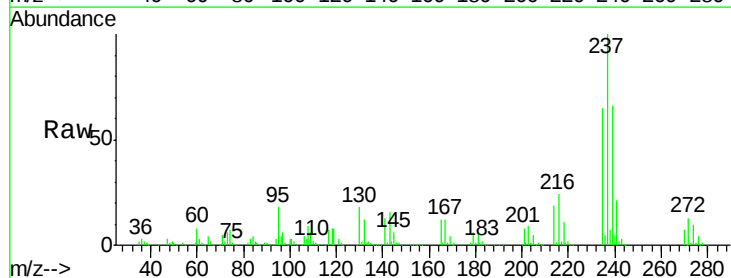


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

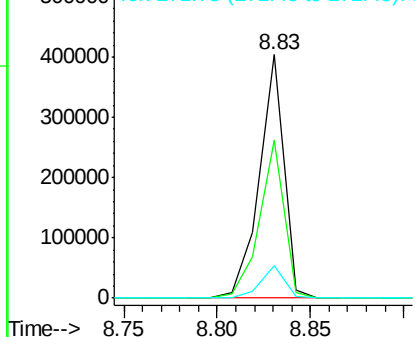
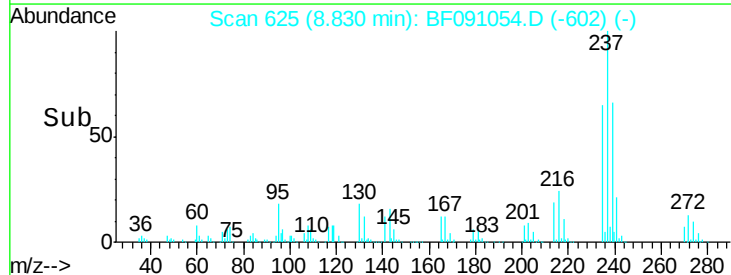


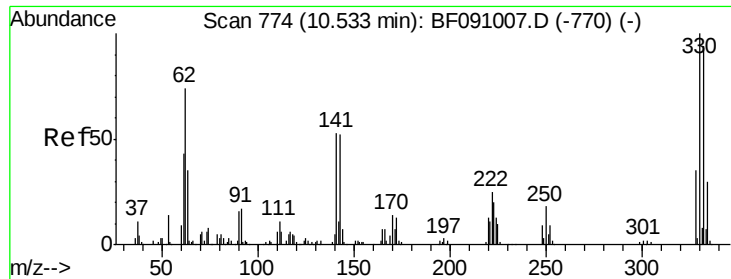
#40
 Hexachlorocyclopentadiene
 Concen: 92.97 ng
 RT: 8.83 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

Tgt Ion:237	Resp:	368713
Ion Ratio	Lower	Upper
237	100	
235	64.7	42.1 82.1
272	13.4	0.0 33.1



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

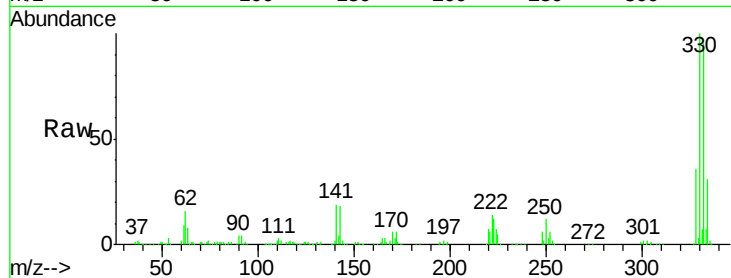




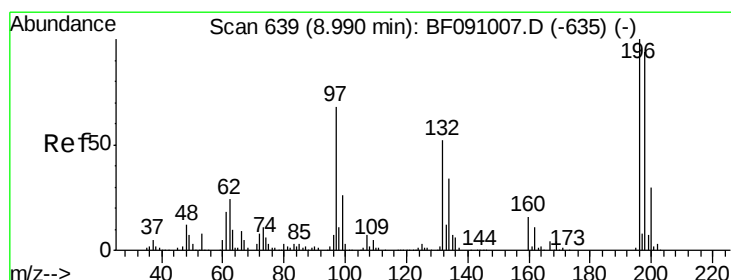
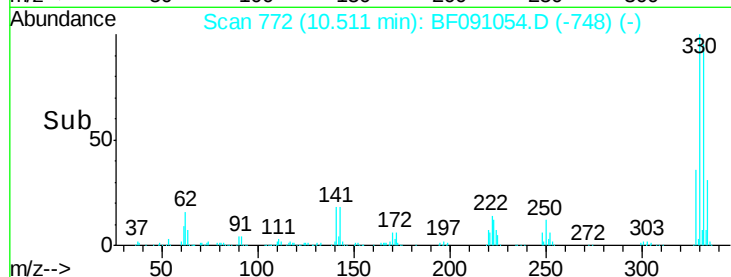
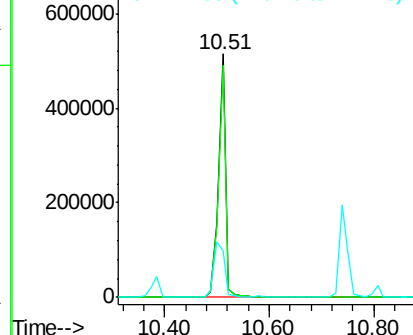
#41
 2,4,6-Tribromophenol
 Concen: 139.27 ng
 RT: 10.51 min Scan# 772
 Delta R.T. -0.02 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 498416
 Ion Ratio Lower Upper
 330 100
 332 95.3 75.9 113.9
 141 33.5 36.1 54.1#

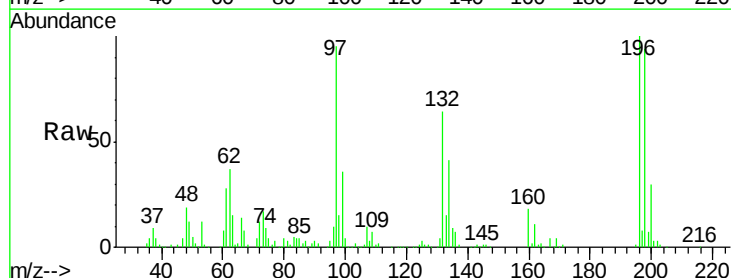


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

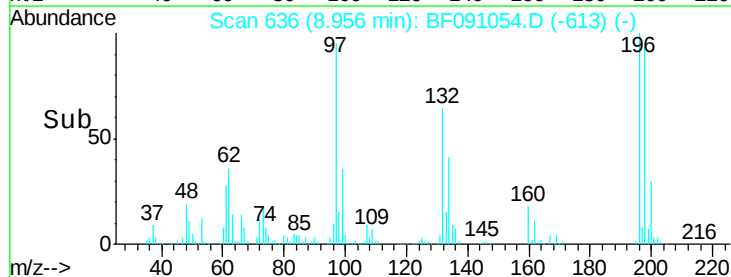
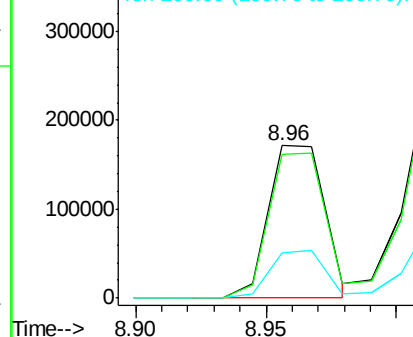


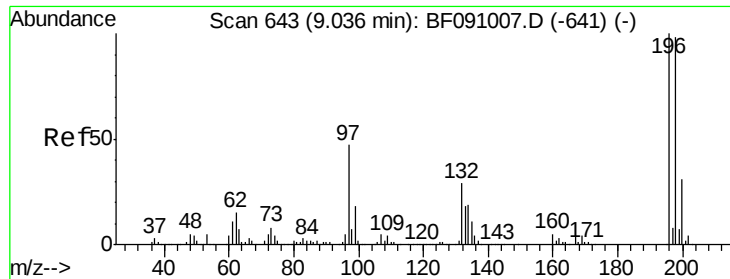
#42
 2,4,6-Trichlorophenol
 Concen: 39.40 ng
 RT: 8.96 min Scan# 636
 Delta R.T. -0.03 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

Tgt Ion:196 Resp: 256722
 Ion Ratio Lower Upper
 196 100
 198 94.3 75.4 113.0
 200 29.8 24.1 36.1



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

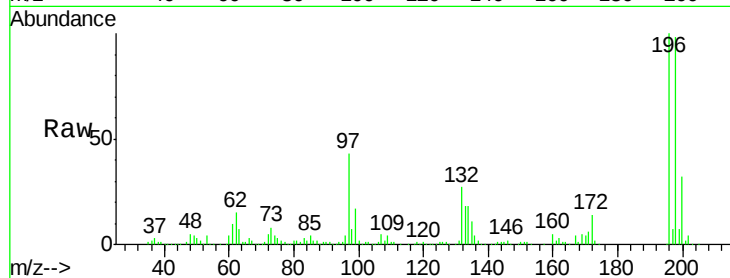




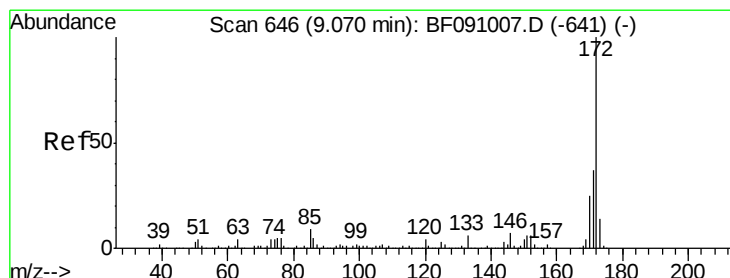
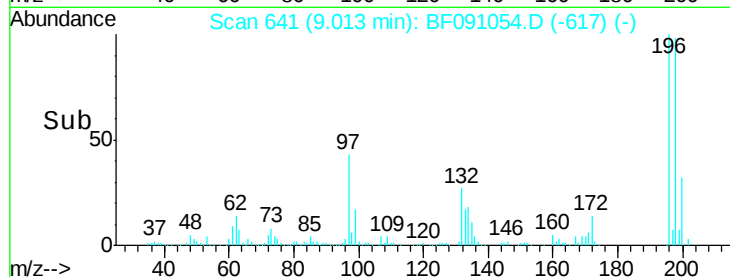
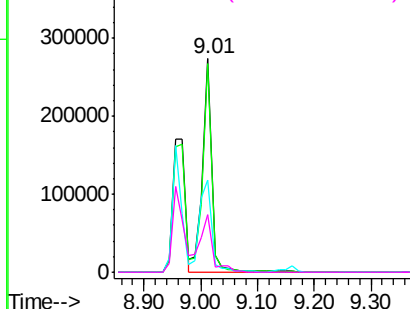
#43
 2,4,5-Trichlorophenol
 Concen: 43.45 ng
 RT: 9.01 min Scan# 641
 Delta R.T. -0.02 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.5	78.2	117.4
97	43.3	38.8	58.2
132	26.8	23.5	35.3

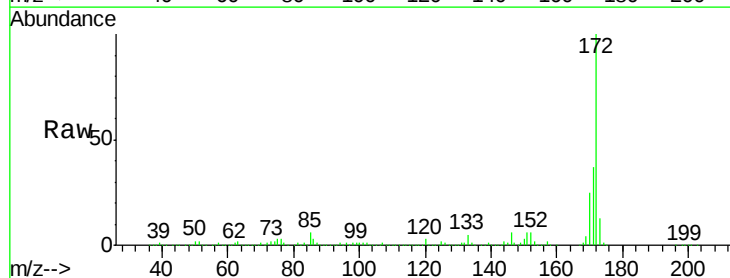


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

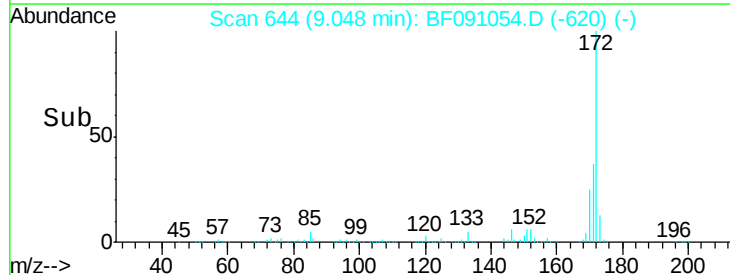
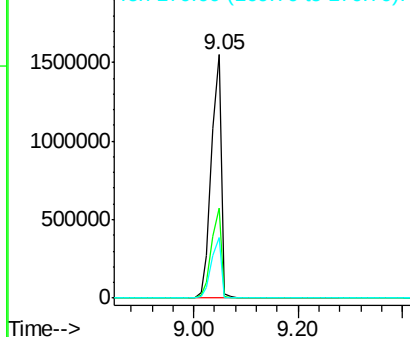


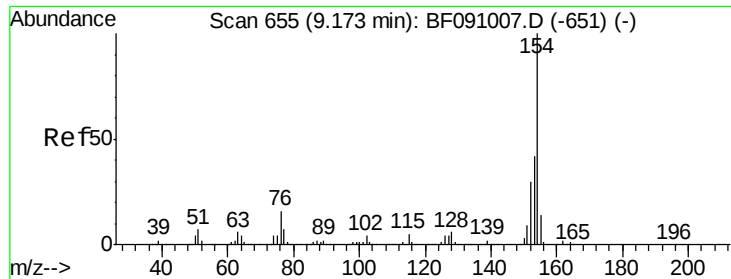
#44
 2-Fluorobiphenyl
 Concen: 89.12 ng
 RT: 9.05 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.8	44.6
170	25.1	20.3	30.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

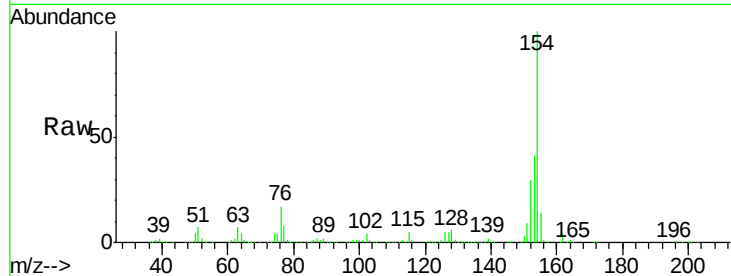




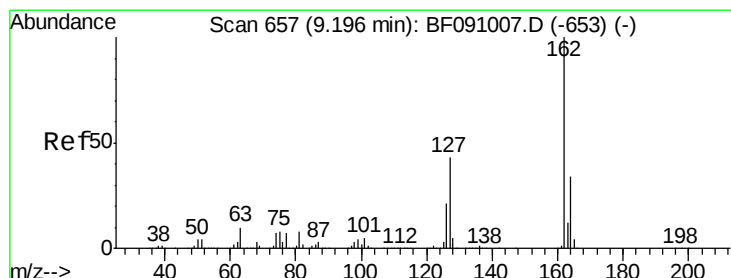
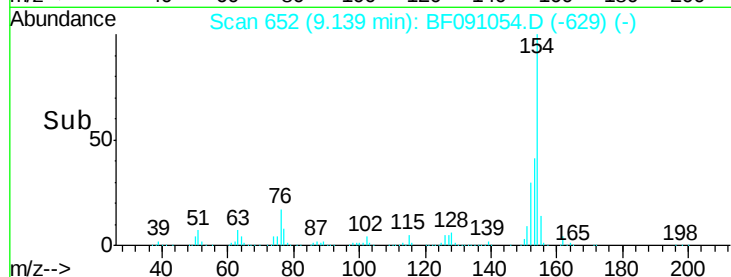
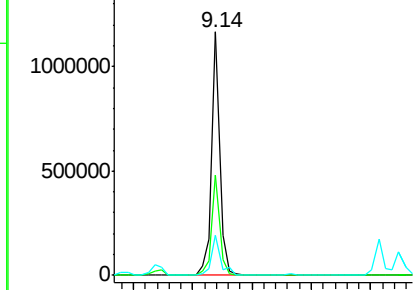
#45
 1,1'-Biphenyl
 Concen: 38.48 ng
 RT: 9.14 min Scan# 652
 Delta R.T. -0.03 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1112331
 Ion Ratio Lower Upper
 154 100
 153 41.3 21.6 61.6
 76 16.6 0.0 36.2

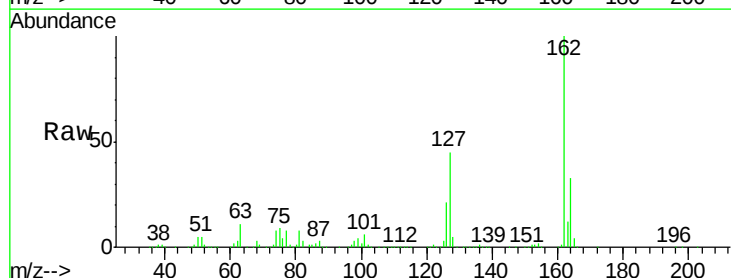


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

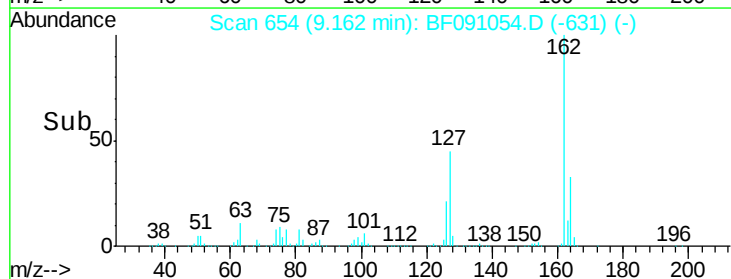
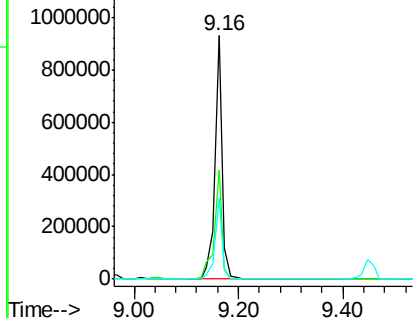


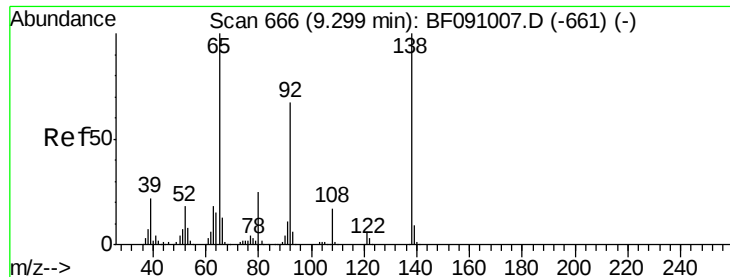
#46
 2-Chloronaphthalene
 Concen: 40.86 ng
 RT: 9.16 min Scan# 654
 Delta R.T. -0.03 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

Tgt Ion:162 Resp: 896703
 Ion Ratio Lower Upper
 162 100
 127 44.9 34.7 52.1
 164 33.5 27.0 40.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

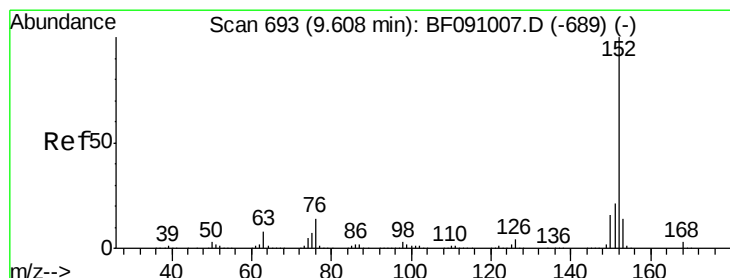
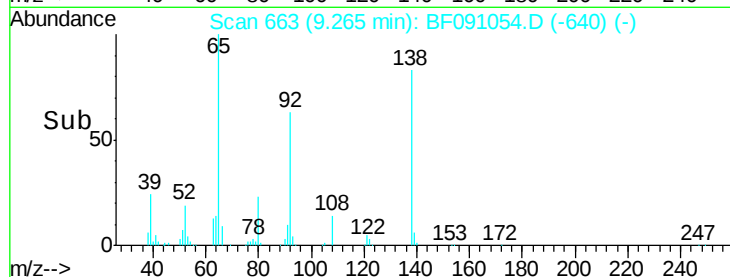
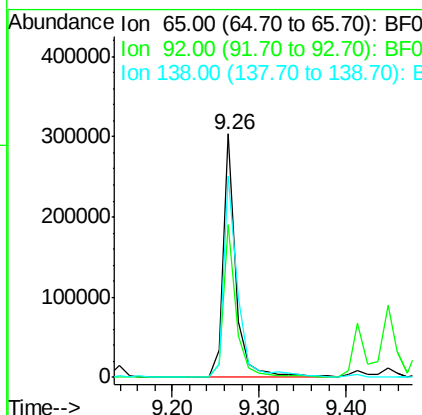
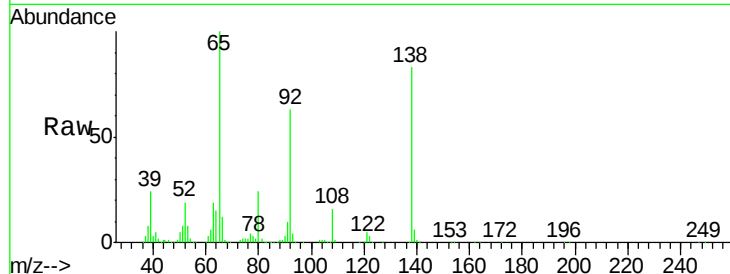




#47
2-Nitroaniline
Concen: 38.44 ng
RT: 9.26 min Scan# 663
Delta R.T. -0.03 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

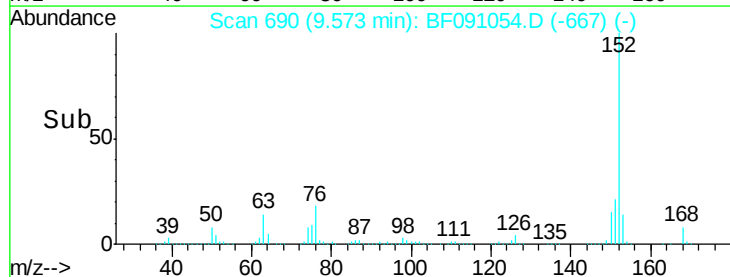
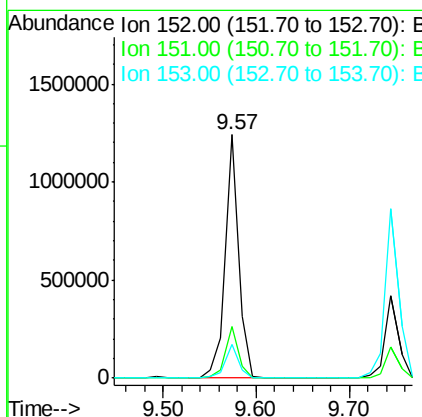
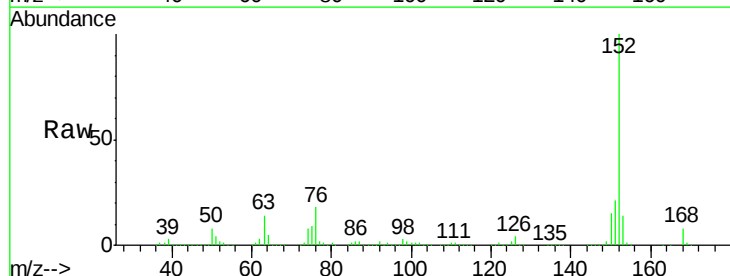
Instrument :
BNA_F
ClientSampleId :

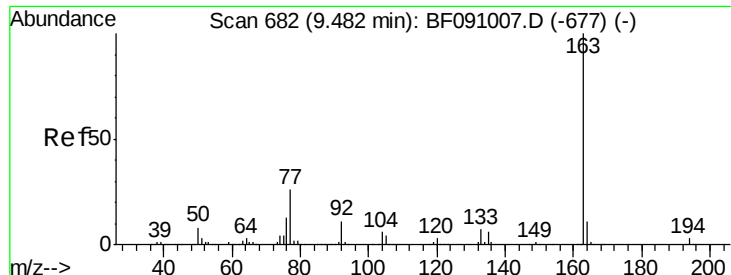
Tot Ion: 65 Resp: 313034
Ion Ratio Lower Upper
65 100
92 62.7 53.9 80.9
138 82.9 80.1 120.1



#48
Acenaphthylene
Concen: 36.74 ng
RT: 9.57 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Tgt Ion: 152 Resp: 1256469
Ion Ratio Lower Upper
152 100
151 21.1 16.7 25.1
153 13.9 11.1 16.7

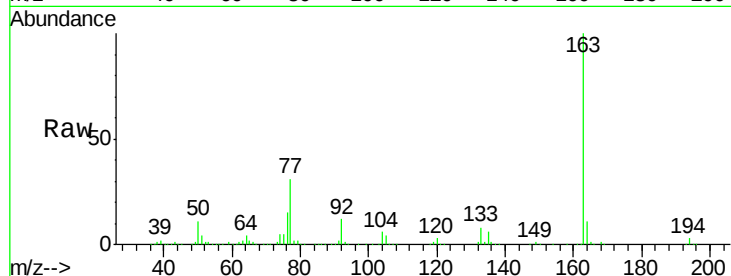




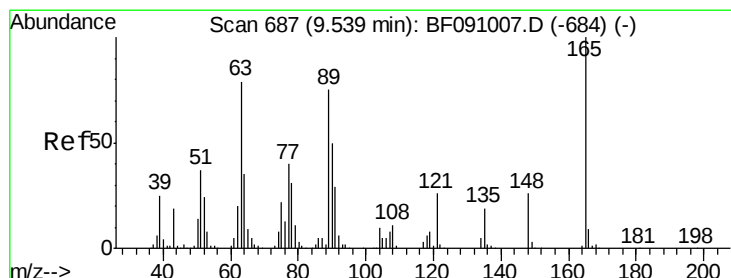
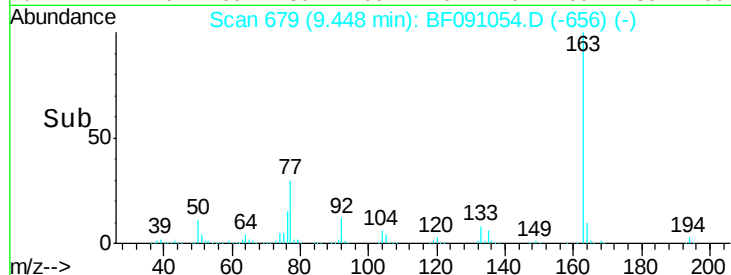
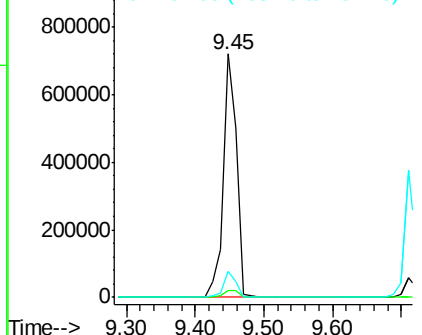
#49
Dimethylphthalate
Concen: 37.94 ng
RT: 9.45 min Scan# 679
Delta R.T. -0.03 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 984947
Ion Ratio Lower Upper
163 100
194 2.8 2.6 4.0
164 10.7 8.7 13.1

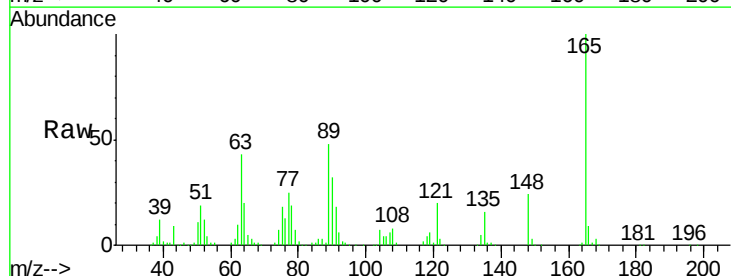


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

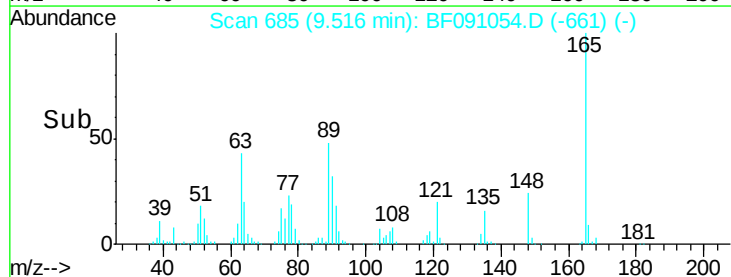
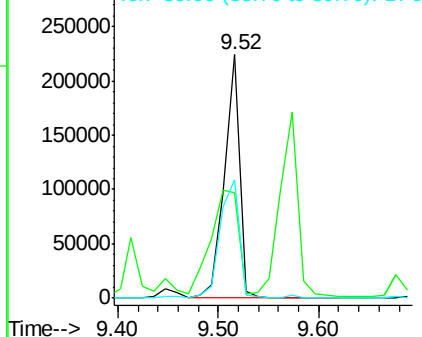


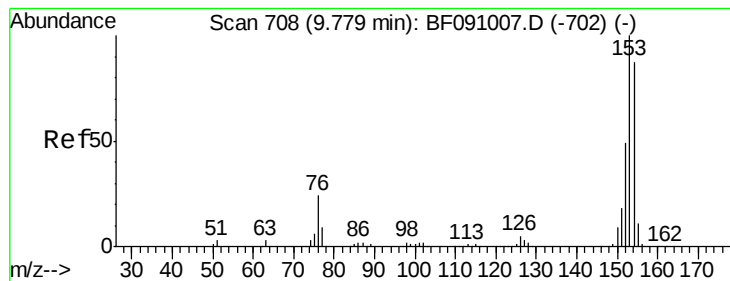
#50
2,6-Dinitrotoluene
Concen: 42.67 ng
RT: 9.52 min Scan# 685
Delta R.T. -0.02 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Tgt Ion:165 Resp: 237374
Ion Ratio Lower Upper
165 100
63 43.2 65.6 98.4#
89 48.4 59.8 89.6#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.28 ng

RT: 9.74 min Scan# 705

Delta R.T. -0.03 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

Instrument :

BNA_F

ClientSampleId :

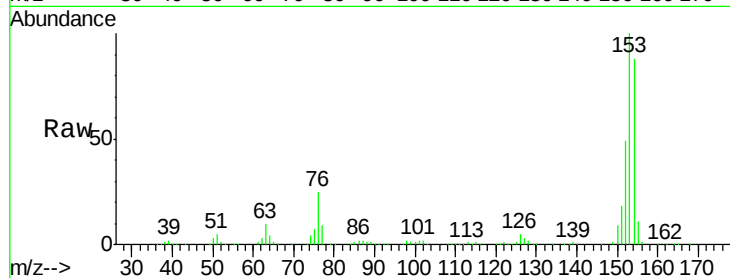
Tot Ion:154 Resp: 779049

Ion Ratio Lower Upper

154 100

153 113.1 91.6 137.4

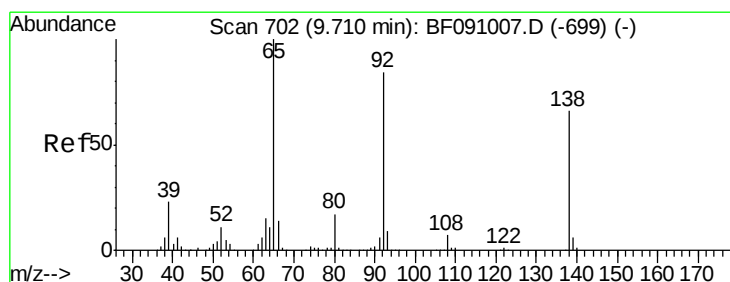
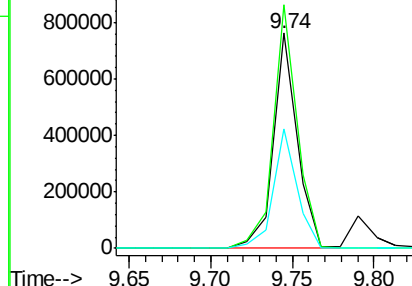
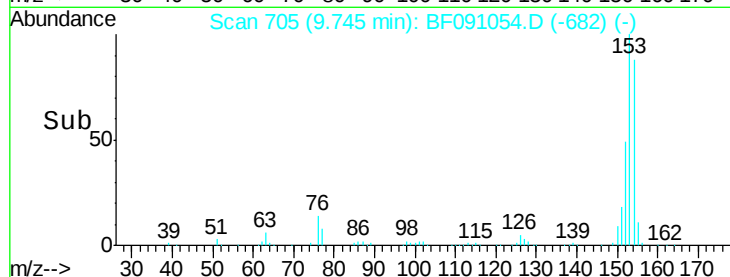
152 55.4 44.6 67.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 17.78 ng

RT: 9.68 min Scan# 699

Delta R.T. -0.03 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

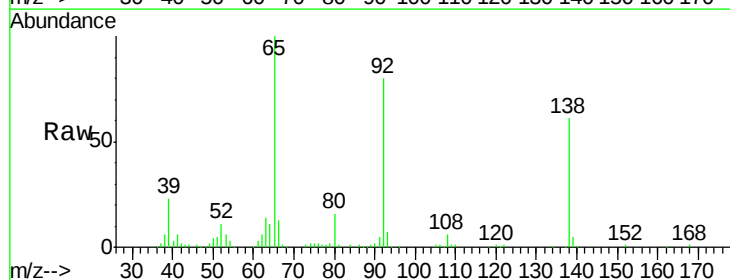
Tgt Ion:138 Resp: 117293

Ion Ratio Lower Upper

138 100

108 10.2 8.4 12.6

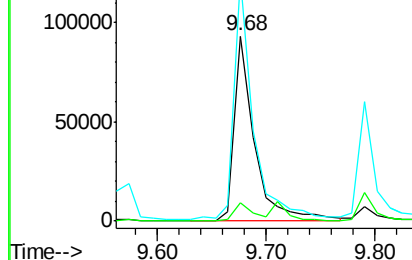
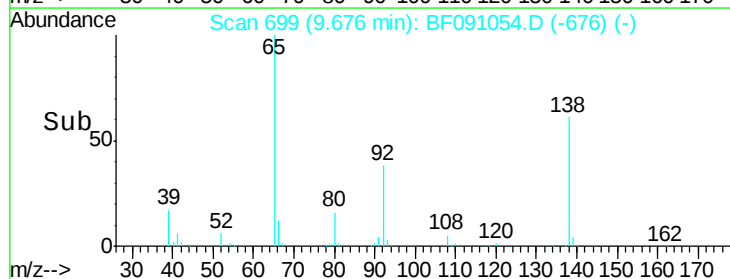
92 131.6 101.1 151.7

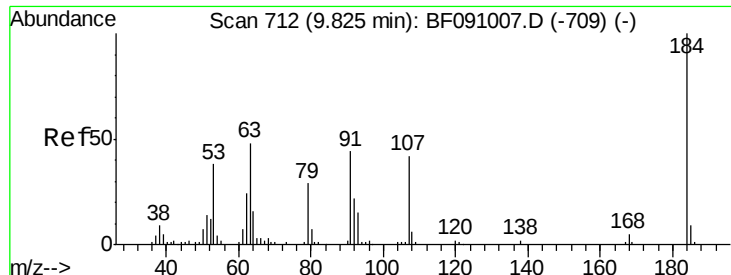


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

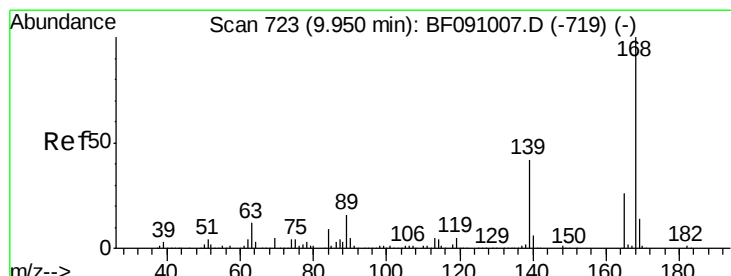
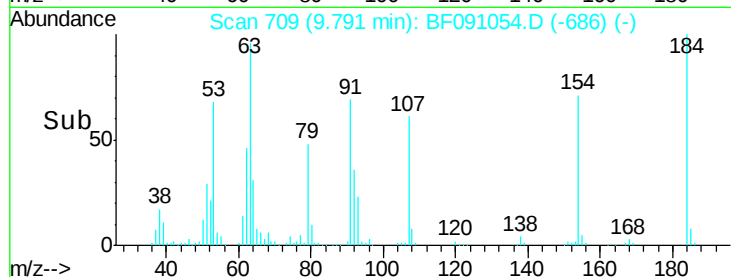
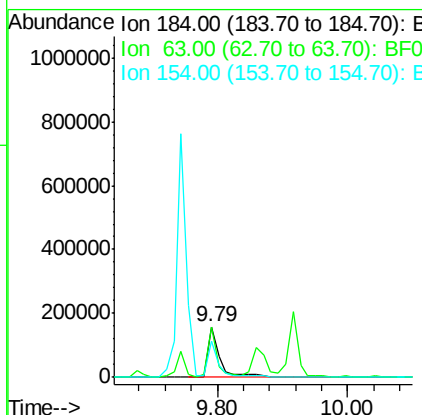
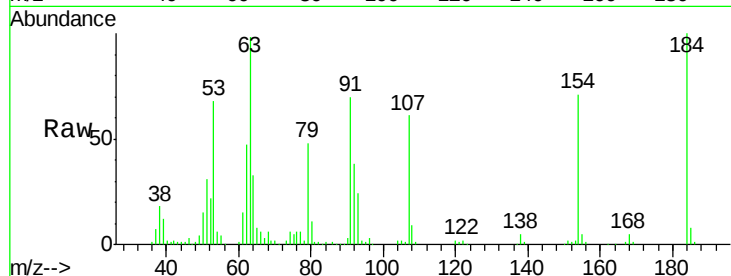




#53
 2,4-Dinitrophenol
 Concen: 68.38 ng
 RT: 9.79 min Scan# 709
 Delta R.T. -0.03 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

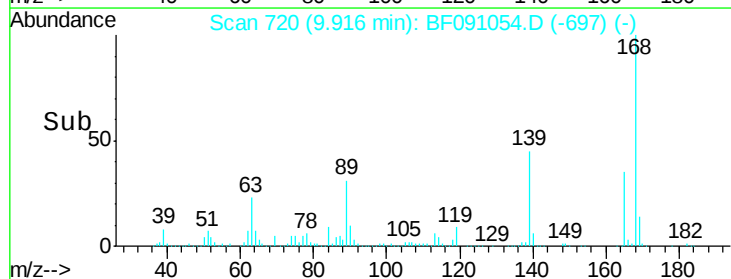
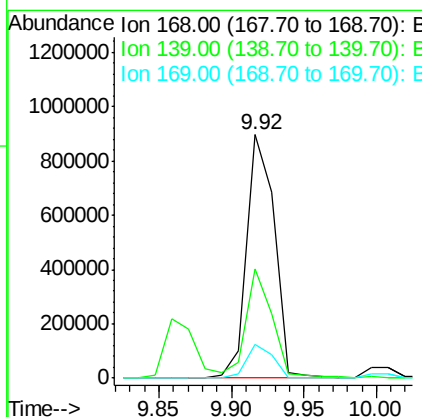
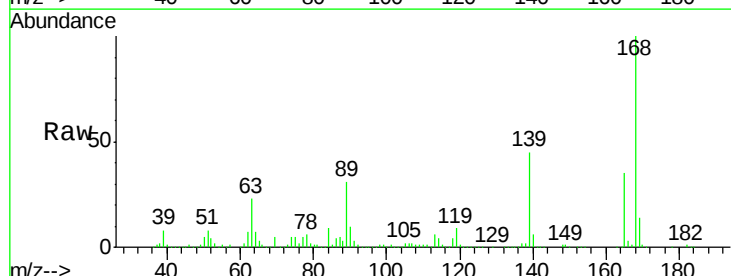
Instrument :
 BNA_F
 ClientSampled :

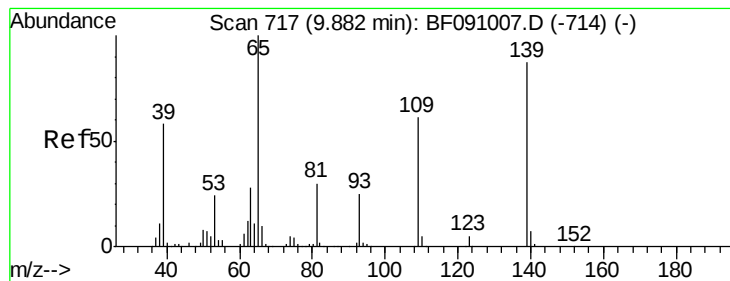
Tot Ion:184 Resp: 204231
 Ion Ratio Lower Upper
 184 100
 63 98.3 45.5 68.3#
 154 71.0 51.0 76.4



#54
 Dibenzofuran
 Concen: 41.07 ng
 RT: 9.92 min Scan# 720
 Delta R.T. -0.03 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

Tgt Ion:168 Resp: 1187200
 Ion Ratio Lower Upper
 168 100
 139 45.1 34.8 52.2
 169 14.0 11.4 17.2





#55

4-Nitrophenol

Concen: 72.69 ng

RT: 9.86 min Scan# 715

Delta R.T. -0.02 min

Lab File: BF091054.D

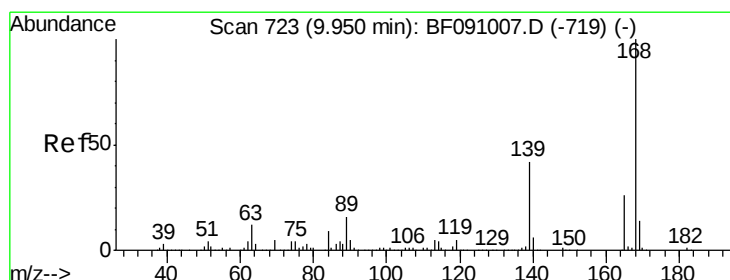
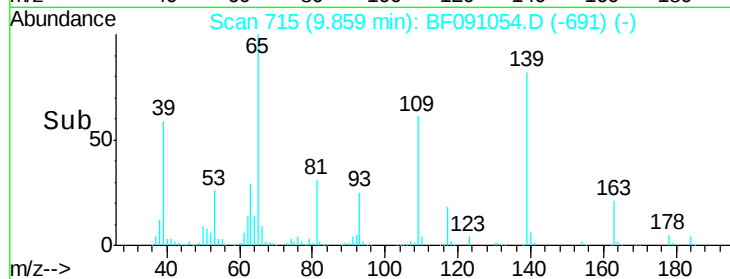
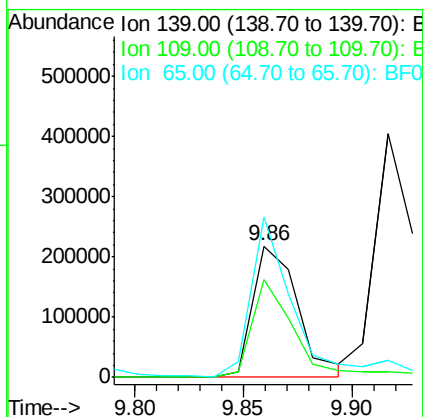
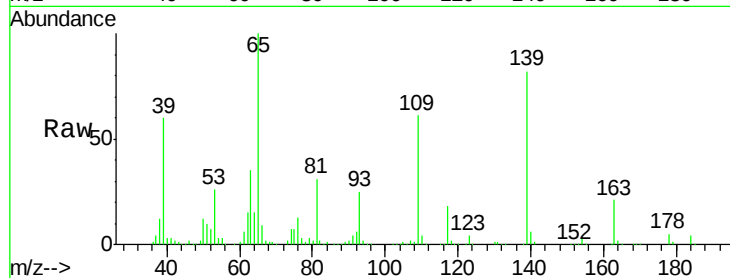
Acq: 7 Nov 2016 14:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	139	Resp:	316895
Ion	Ratio	Lower	Upper
139	100		
109	74.2	50.5	90.5
65	122.0	97.1	137.1



#56

2,4-Dinitrotoluene

Concen: 41.23 ng

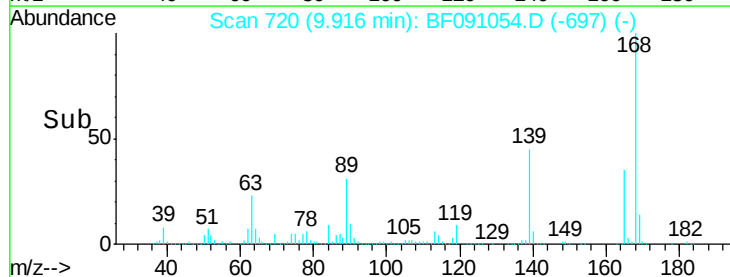
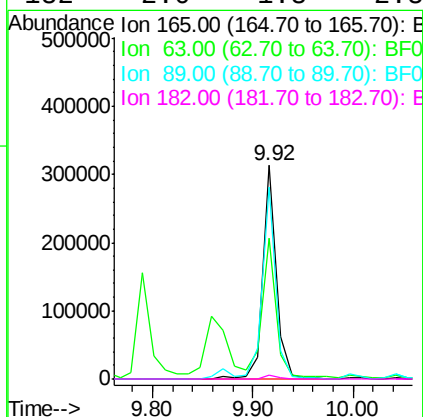
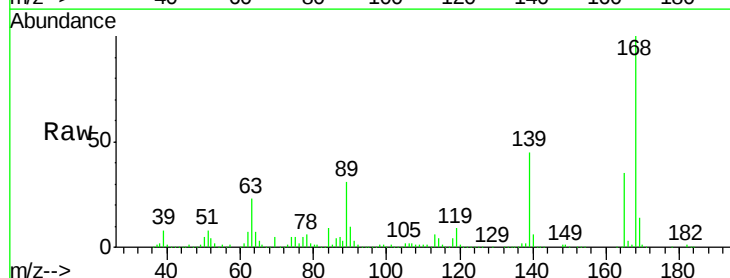
RT: 9.92 min Scan# 720

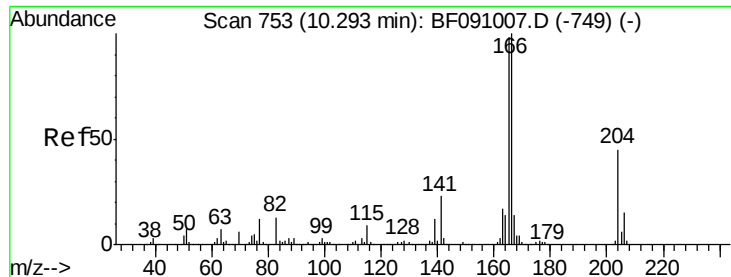
Delta R.T. -0.03 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

Tgt Ion:	165	Resp:	291810
Ion	Ratio	Lower	Upper
165	100		
63	66.1	38.7	58.1#
89	89.8	50.6	76.0#
182	2.0	1.8	2.8





#57

Fluorene

Concen: 37.25 ng

RT: 10.26 min Scan# 750

Delta R.T. -0.03 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

Instrument :

BNA_F

ClientSampled :

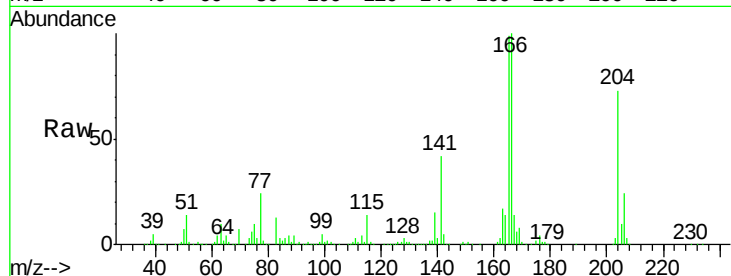
Tot Ion:166 Resp: 880067

Ion Ratio Lower Upper

166 100

165 99.2 78.6 118.0

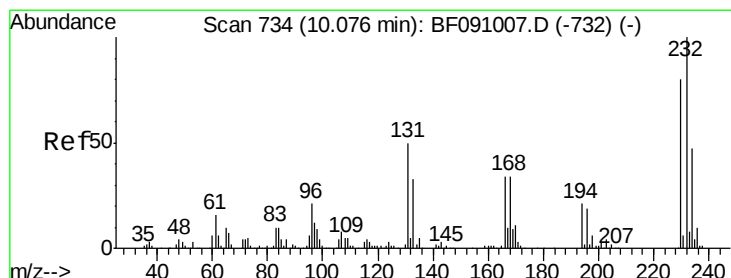
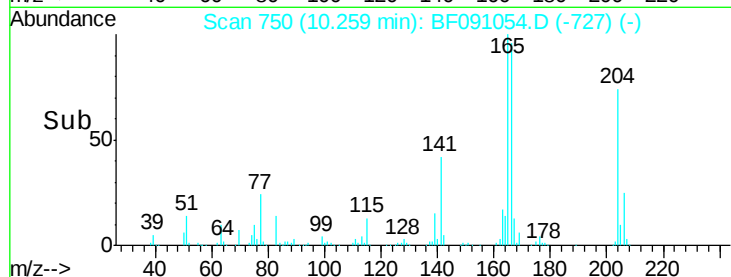
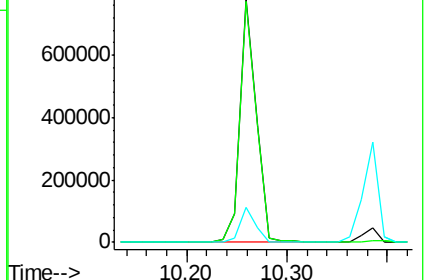
167 14.3 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.85 ng

RT: 10.04 min Scan# 731

Delta R.T. -0.03 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

Tgt Ion:232 Resp: 213549

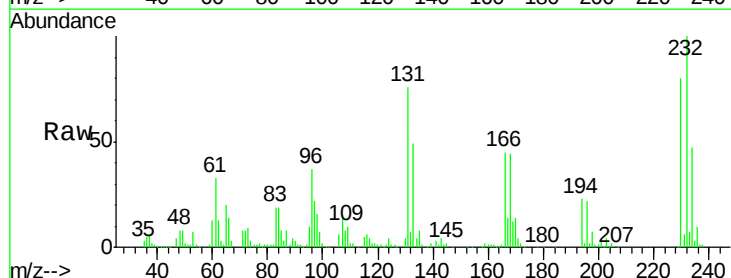
Ion Ratio Lower Upper

232 100

131 60.1 43.6 65.4

130 2.8 2.0 3.0

166 36.2 27.4 41.2

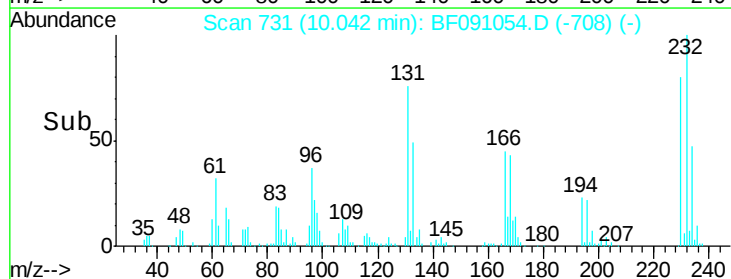
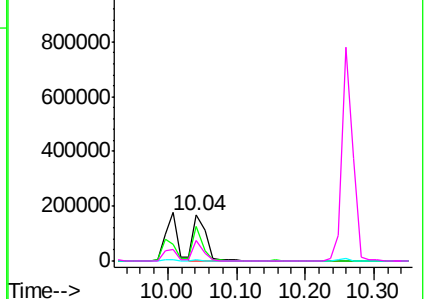


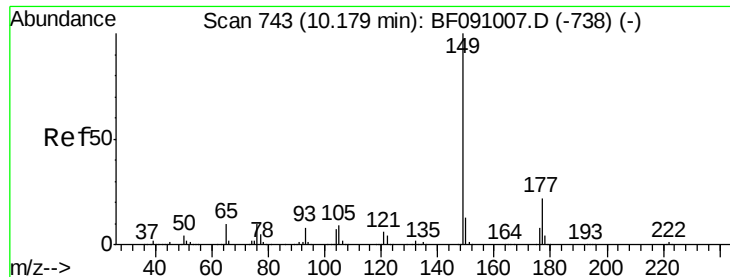
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

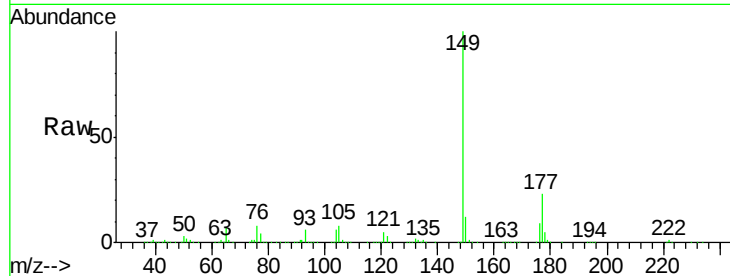




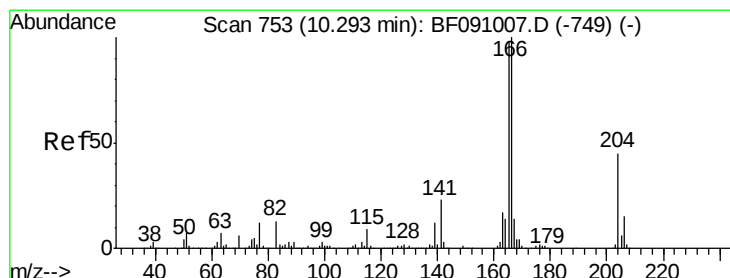
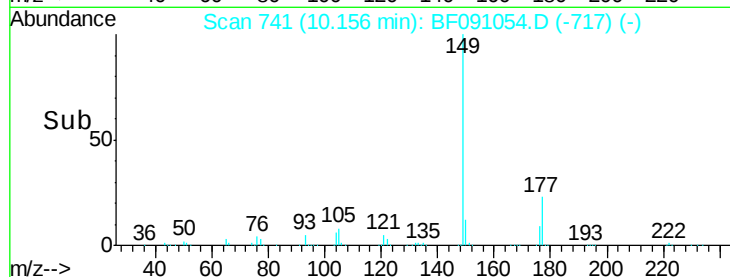
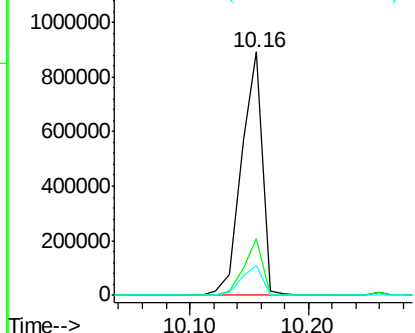
#59
Diethylphthalate
Concen: 40.57 ng
RT: 10.16 min Scan# 741
Delta R.T. -0.02 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 1079721
Ion Ratio Lower Upper
149 100
177 23.3 17.3 25.9
150 12.4 10.3 15.5

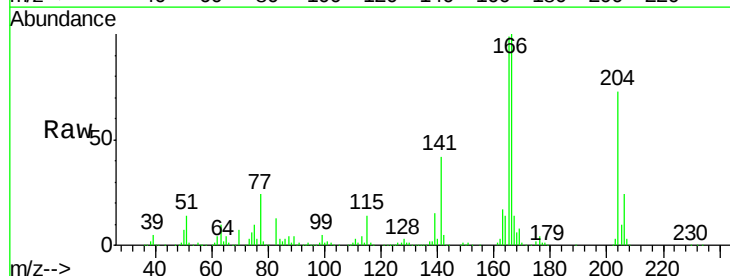


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

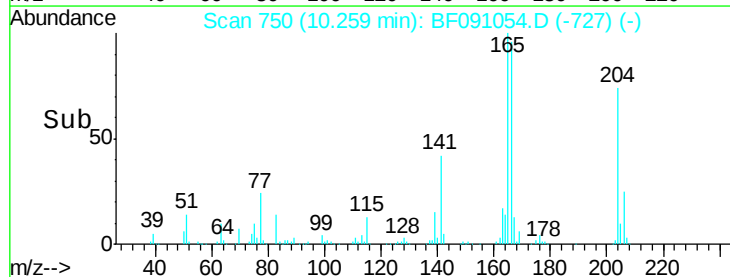
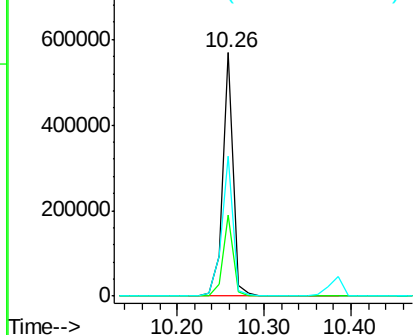


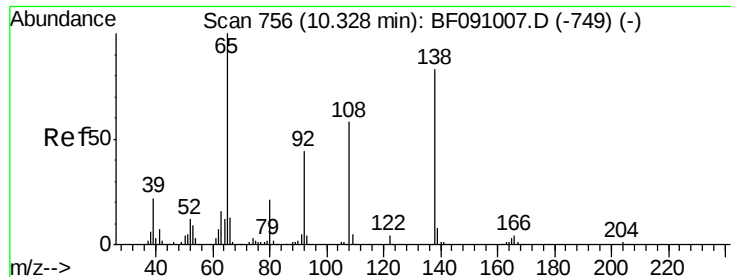
#60
4-Chlorophenyl-phenylether
Concen: 45.04 ng
RT: 10.26 min Scan# 750
Delta R.T. -0.03 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Tgt Ion:204 Resp: 484306
Ion Ratio Lower Upper
204 100
206 33.5 27.1 40.7
141 57.3 40.1 60.1



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 33.86 ng

RT: 10.29 min Scan# 753

Delta R.T. -0.03 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

Instrument :

BNA_F

ClientSampleId :

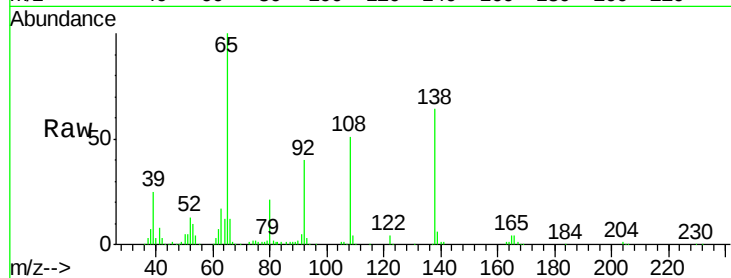
Tot Ion:138 Resp: 225971

Ion Ratio Lower Upper

138 100

92 62.7 32.5 72.5

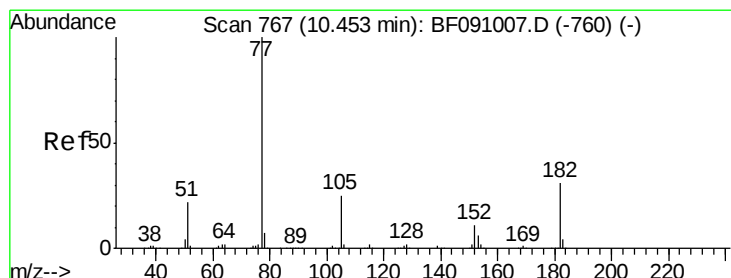
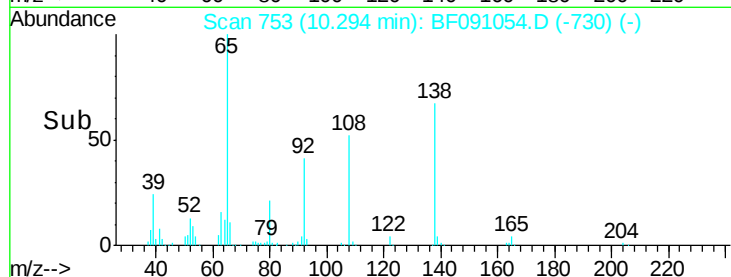
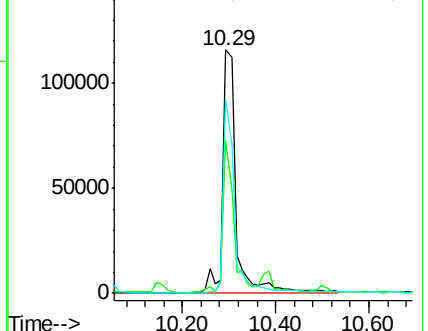
108 79.5 49.4 89.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 42.17 ng

RT: 10.42 min Scan# 764

Delta R.T. -0.03 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

Tgt Ion: 77 Resp: 1321011

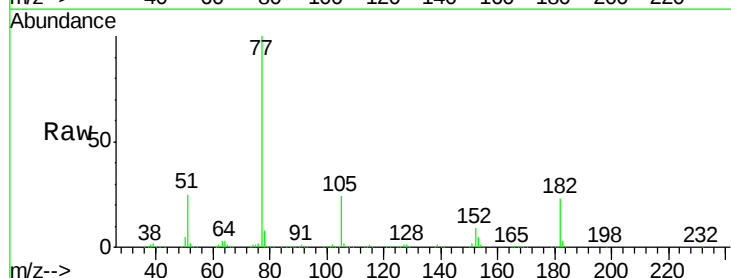
Ion Ratio Lower Upper

77 100

182 22.9 11.0 51.0

105 24.1 5.6 45.6

51 25.2 2.7 42.7

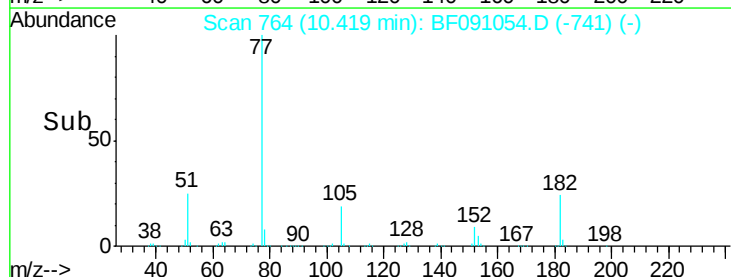
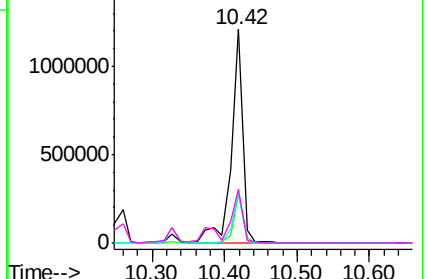


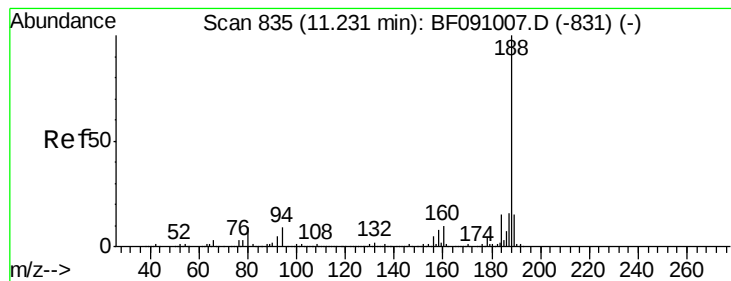
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.20 min Scan# 832

Delta R.T. -0.03 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

Instrument :

BNA_F

ClientSampleId :

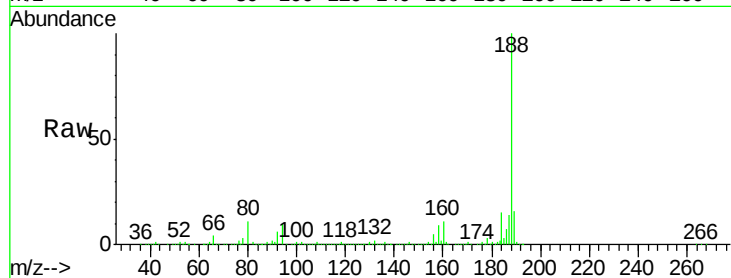
Tot Ion:188 Resp: 691565

Ion Ratio Lower Upper

188 100

94 10.3 7.0 10.4

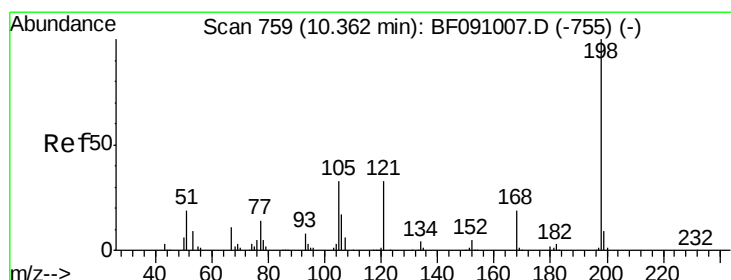
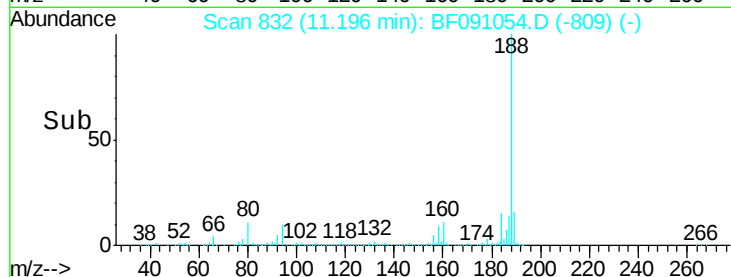
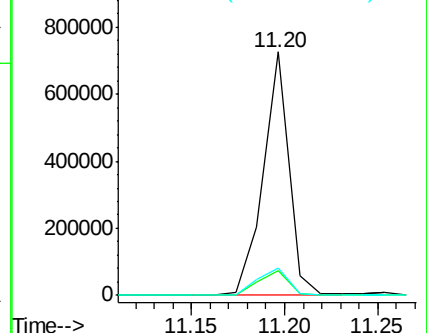
80 11.4 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 33.23 ng

RT: 10.33 min Scan# 756

Delta R.T. -0.03 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

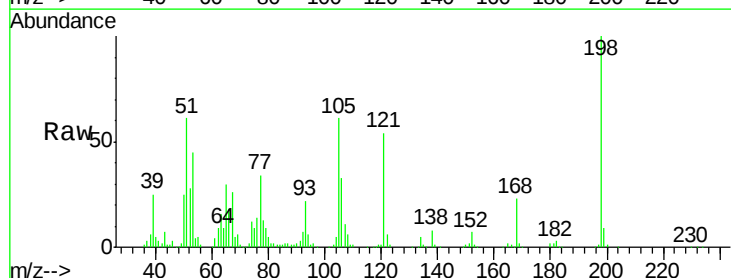
Tgt Ion:198 Resp: 140702

Ion Ratio Lower Upper

198 100

51 60.6 5.9 45.9#

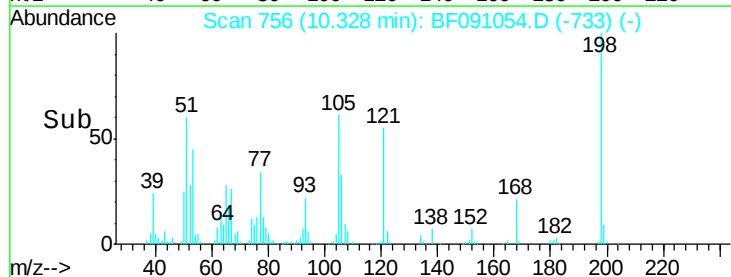
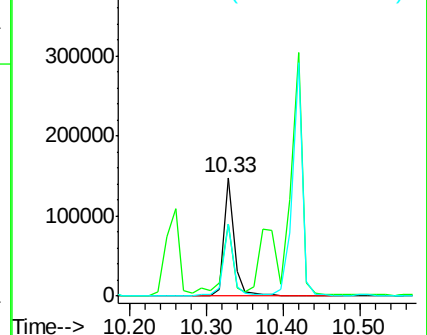
105 60.6 13.8 53.8#

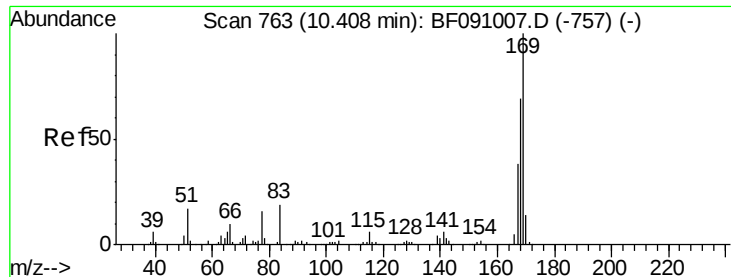


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.63 ng

RT: 10.38 min Scan# 761

Delta R.T. -0.02 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

Instrument :

BNA_F

ClientSampled :

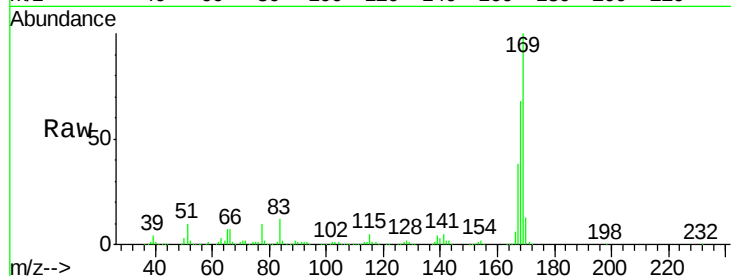
Tot Ion:169 Resp: 893166

Ion Ratio Lower Upper

169 100

168 68.0 55.3 82.9

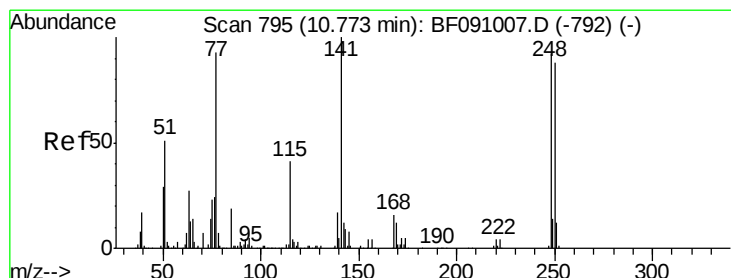
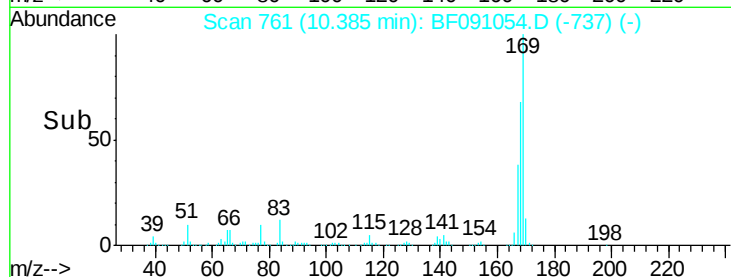
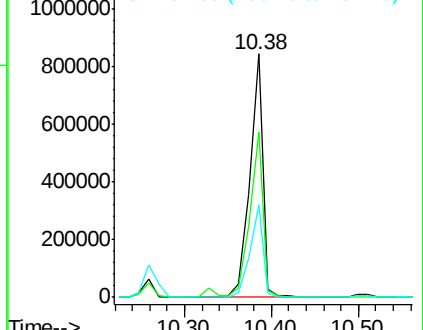
167 38.1 30.3 45.5



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 36.14 ng

RT: 10.75 min Scan# 793

Delta R.T. -0.02 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

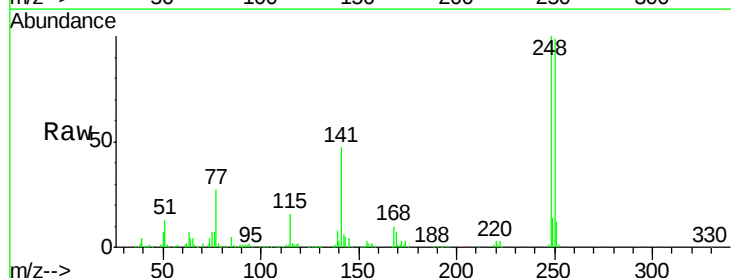
Tgt Ion:248 Resp: 259939

Ion Ratio Lower Upper

248 100

250 99.1 76.3 114.5

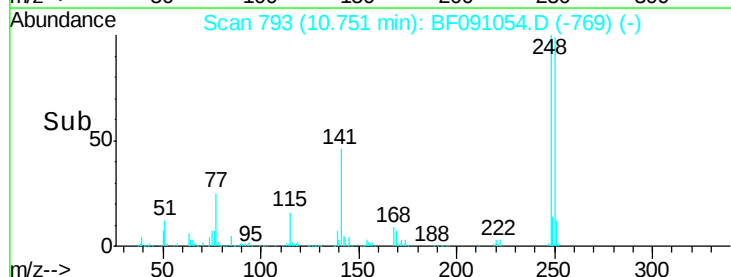
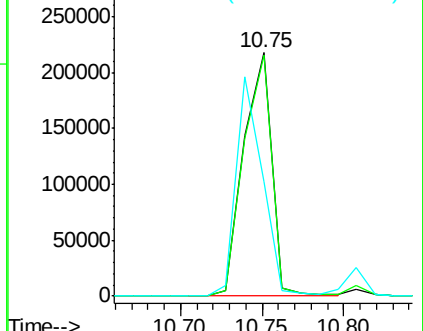
141 47.2 86.8 130.2#

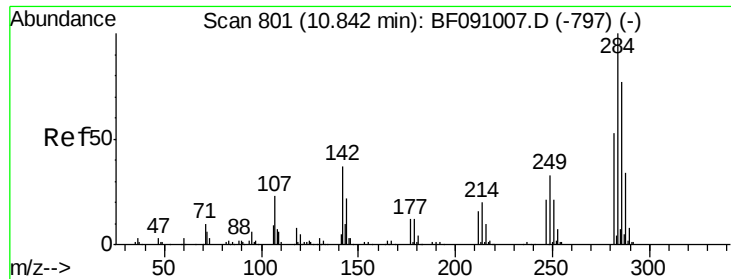


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

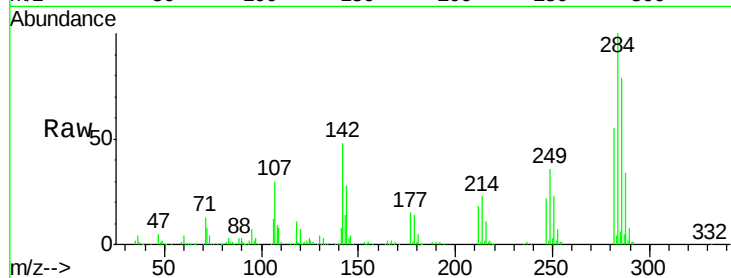




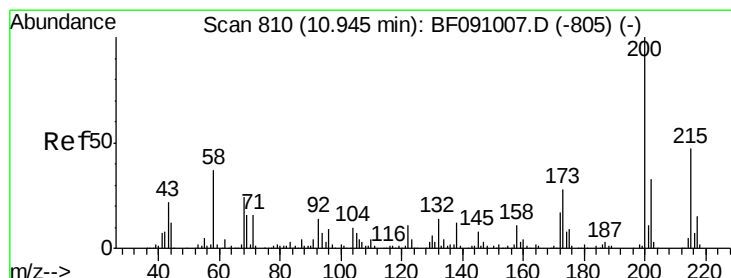
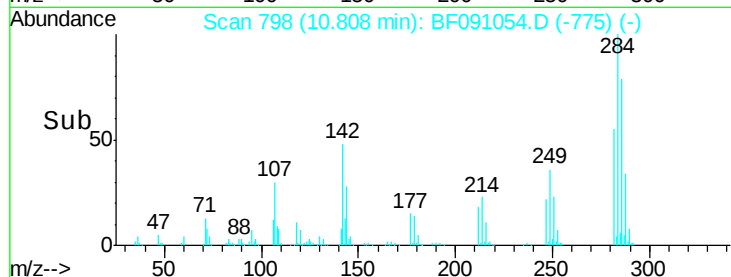
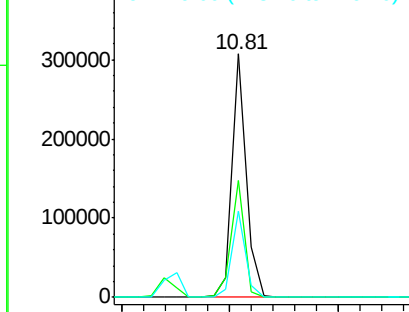
#67
Hexachlorobenzene
Concen: 34.77 ng
RT: 10.81 min Scan# 798
Delta R.T. -0.03 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	47.8	29.9	44.9#
249	35.6	26.6	39.8

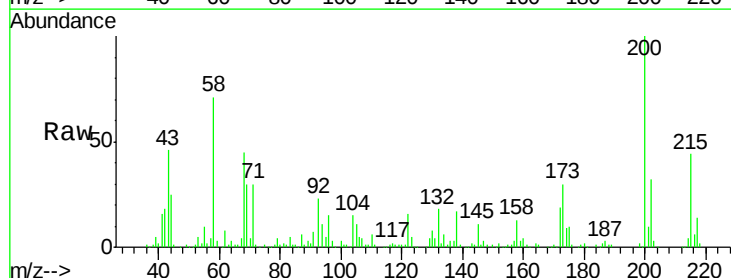


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

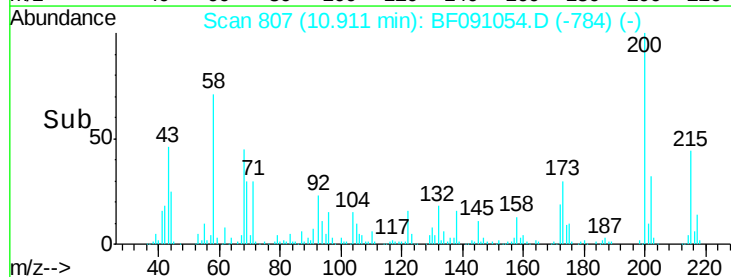
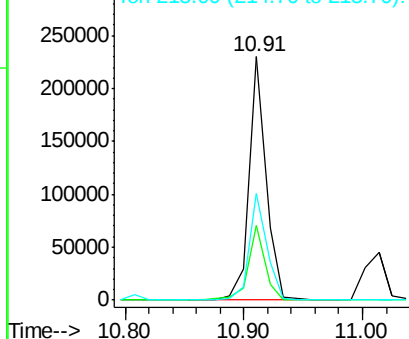


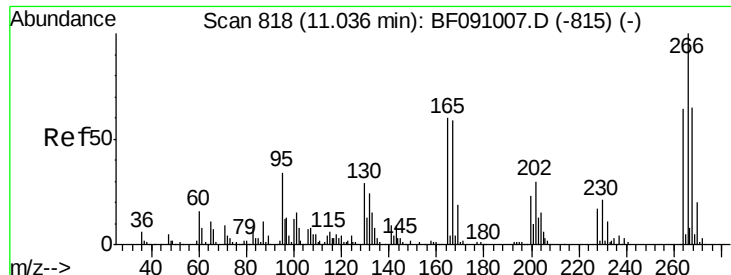
#68
Atrazine
Concen: 36.54 ng
RT: 10.91 min Scan# 807
Delta R.T. -0.03 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.5	8.1	48.1
215	44.0	27.3	67.3



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

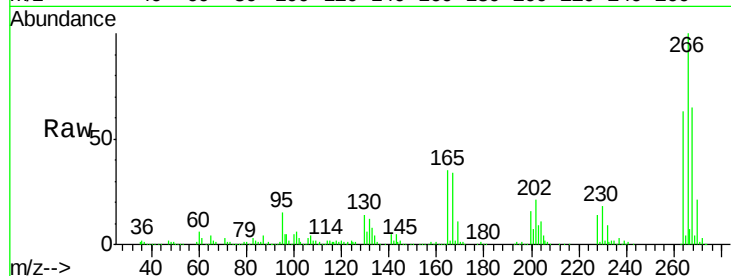




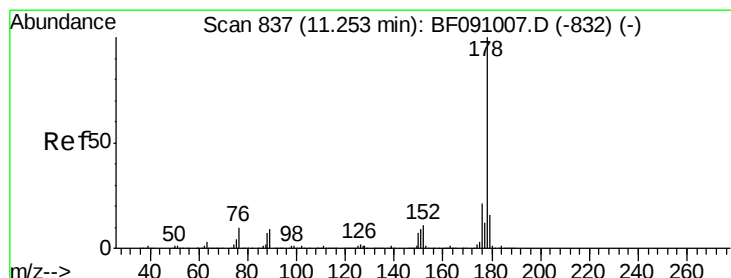
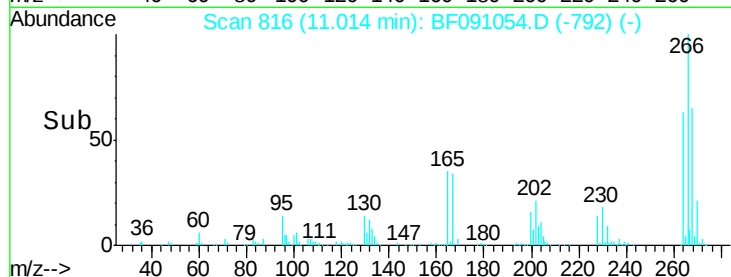
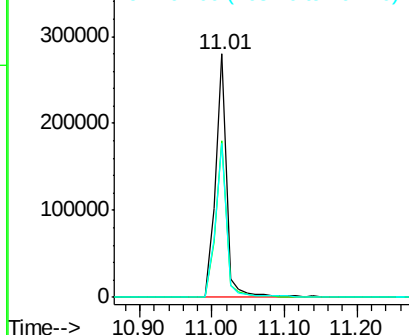
#69
 Pentachlorophenol
 Concen: 85.61 ng
 RT: 11.01 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 300821
 Ion Ratio Lower Upper
 266 100
 268 64.6 52.1 78.1
 264 63.1 51.1 76.7

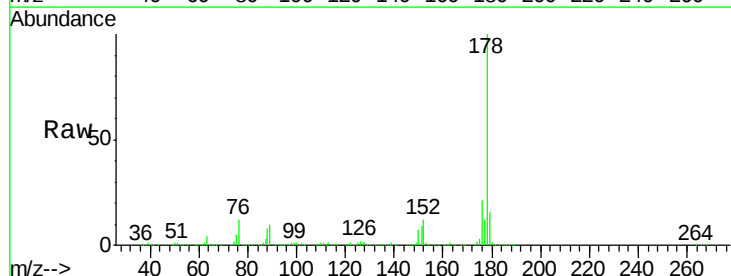


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

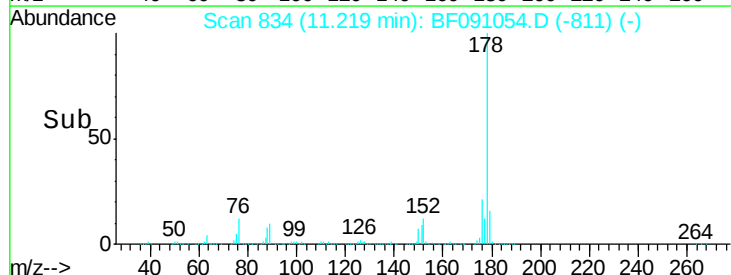
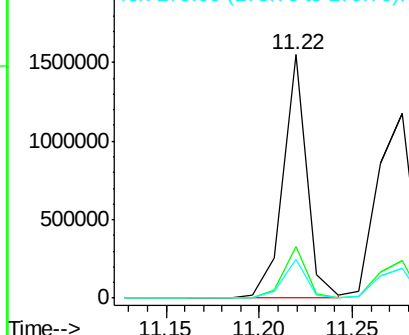


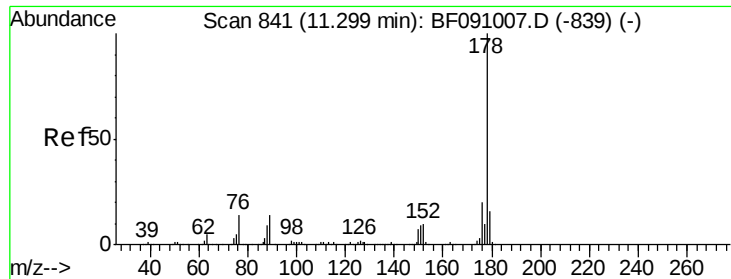
#70
 Phenanthrene
 Concen: 37.14 ng
 RT: 11.22 min Scan# 834
 Delta R.T. -0.03 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

Tgt Ion:178 Resp: 1365547
 Ion Ratio Lower Upper
 178 100
 176 21.0 16.6 25.0
 179 16.2 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

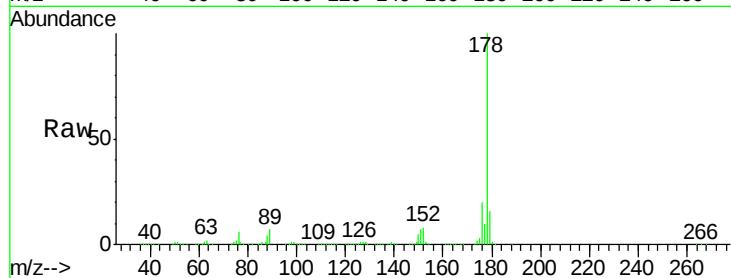




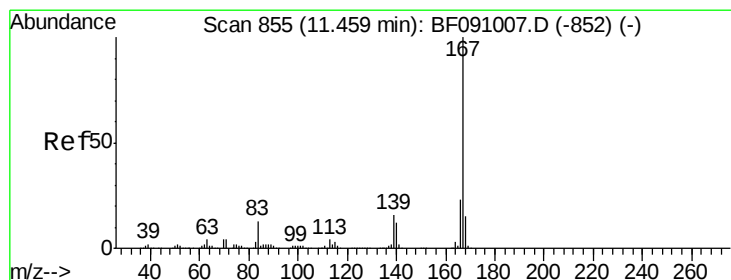
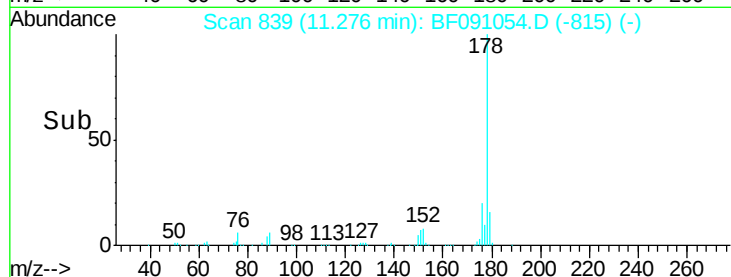
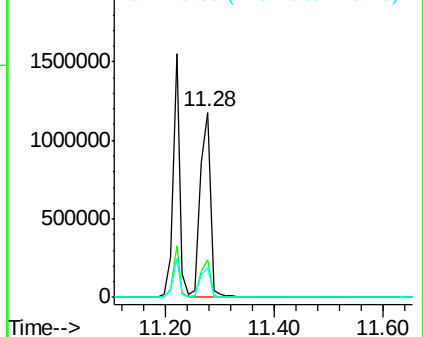
#71
 Anthracene
 Concen: 38.24 ng
 RT: 11.28 min Scan# 839
 Delta R.T. -0.02 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1494559
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.0 24.0
 179 15.9 13.0 19.6

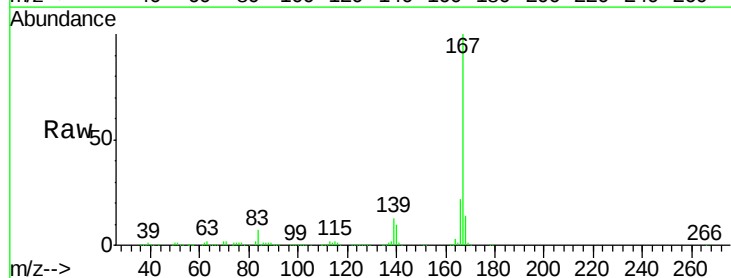


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

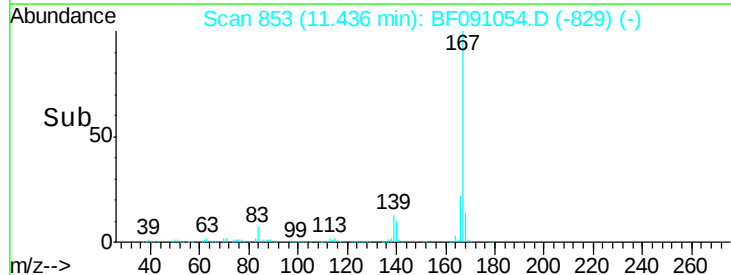
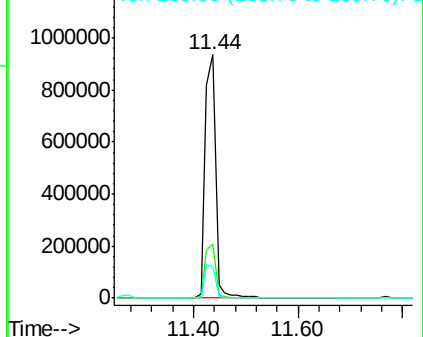


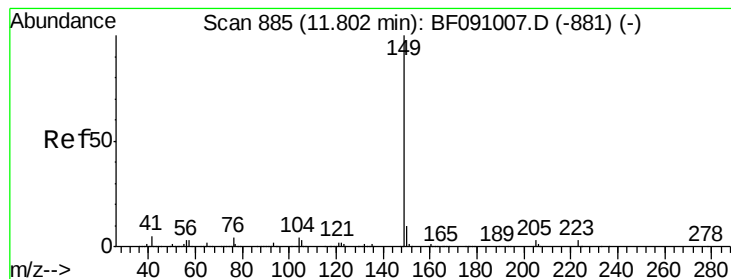
#72
 Carbazole
 Concen: 37.41 ng
 RT: 11.44 min Scan# 853
 Delta R.T. -0.02 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

Tgt Ion:167 Resp: 1317505
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.0 27.0
 139 12.8 12.6 18.8



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 34.73 ng

RT: 11.77 min Scan# 882

Delta R.T. -0.03 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

Instrument :

BNA_F

ClientSampled :

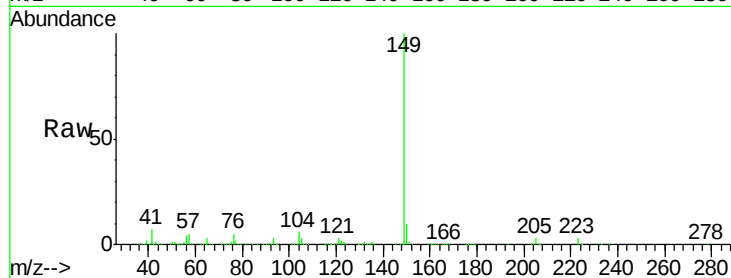
Tot Ion:149 Resp: 1538639

Ion Ratio Lower Upper

149 100

150 10.2 7.7 11.5

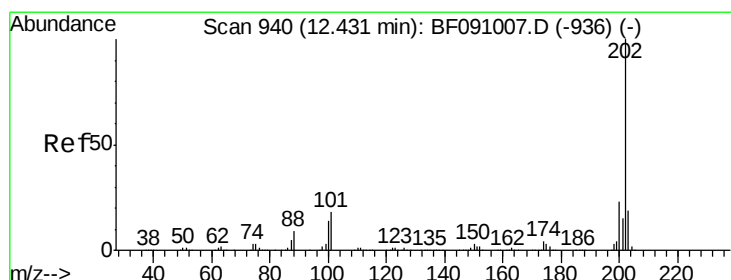
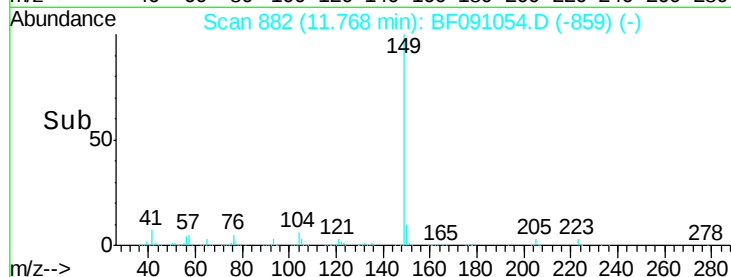
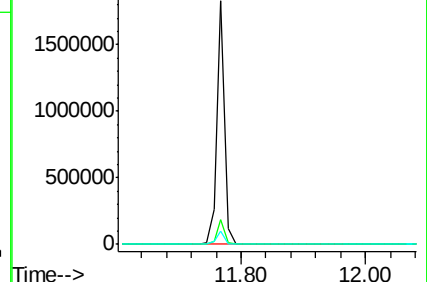
104 5.6 3.6 5.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.60 ng

RT: 12.41 min Scan# 938

Delta R.T. -0.02 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

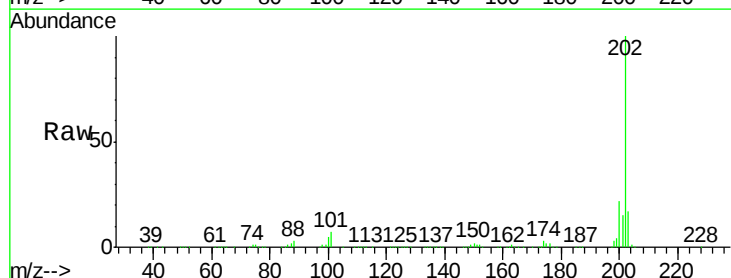
Tgt Ion:202 Resp: 1395644

Ion Ratio Lower Upper

202 100

101 7.1 0.0 37.6

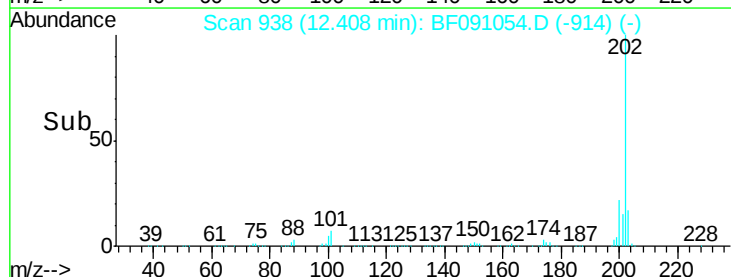
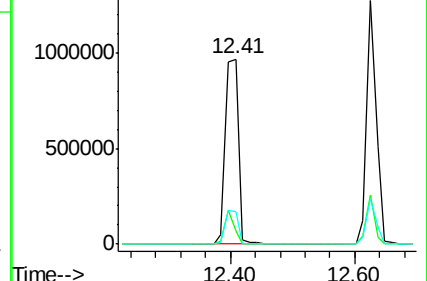
203 17.3 0.0 38.6

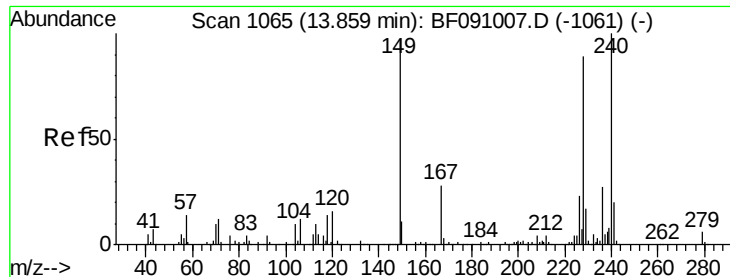


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1062

Delta R.T. -0.03 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

Instrument :

BNA_F

ClientSampleId :

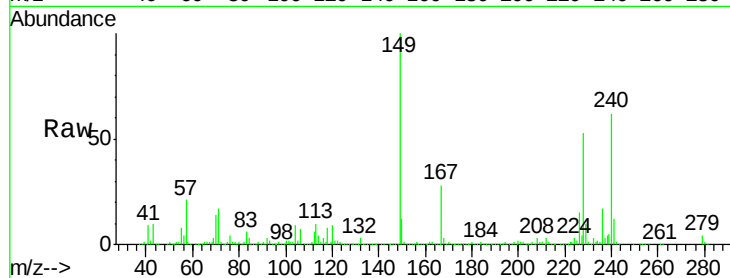
Tot Ion:240 Resp: 574779

Ion Ratio Lower Upper

240 100

120 14.9 12.9 19.3

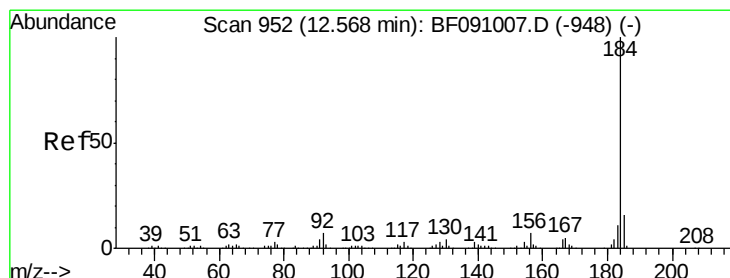
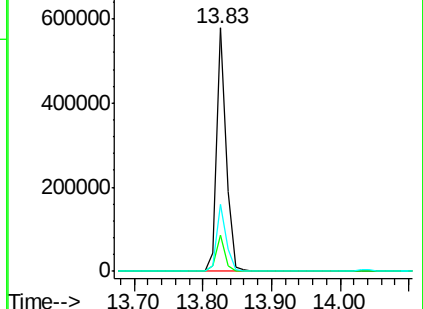
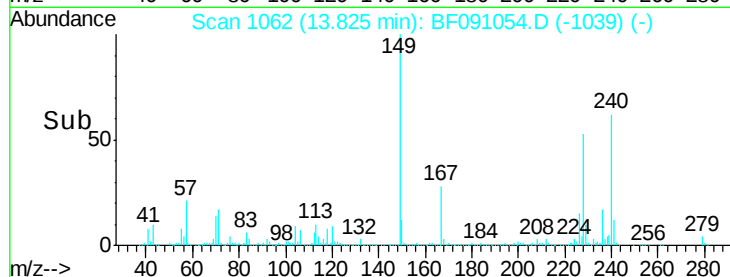
236 27.4 21.9 32.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 20.47 ng

RT: 12.53 min Scan# 949

Delta R.T. -0.03 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

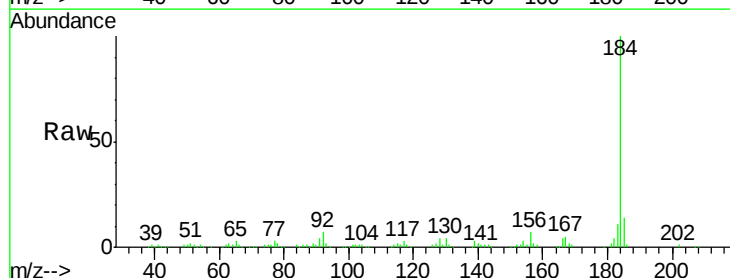
Tgt Ion:184 Resp: 262811

Ion Ratio Lower Upper

184 100

185 14.2 13.0 19.4

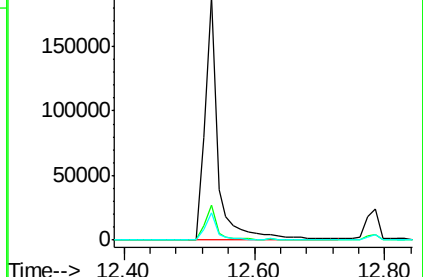
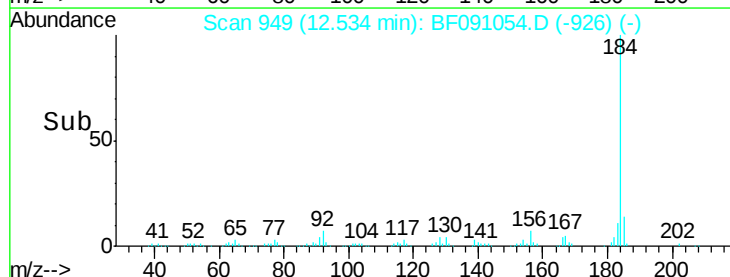
183 11.3 8.7 13.1

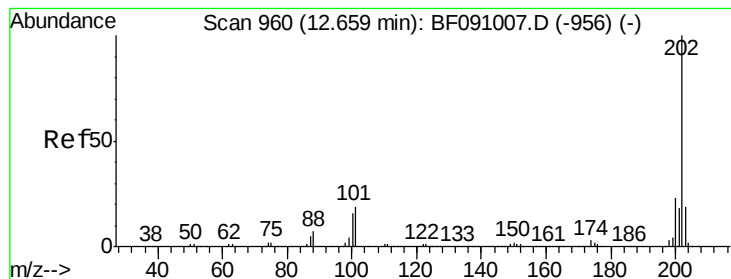


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 35.36 ng

RT: 12.63 min Scan# 957

Delta R.T. -0.03 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

Instrument :

BNA_F

ClientSampleId :

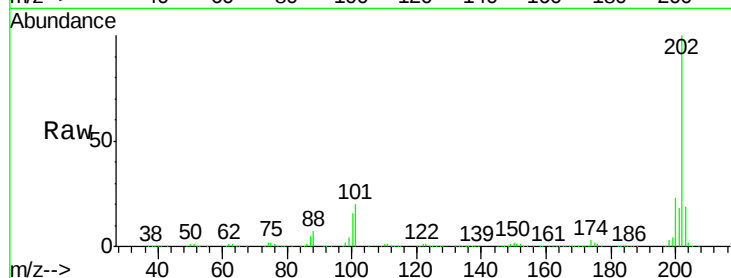
Tot Ion:202 Resp: 1331118

Ion Ratio Lower Upper

202 100

200 22.8 18.4 27.6

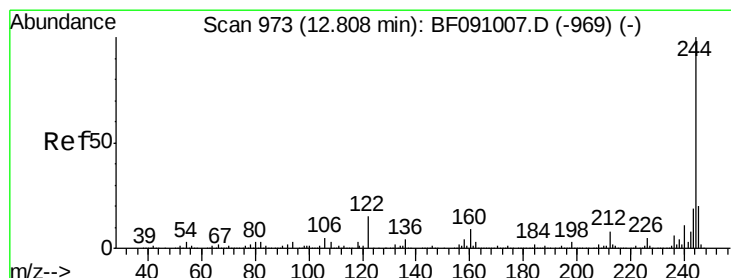
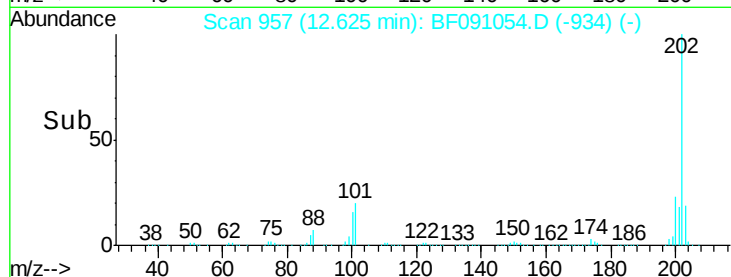
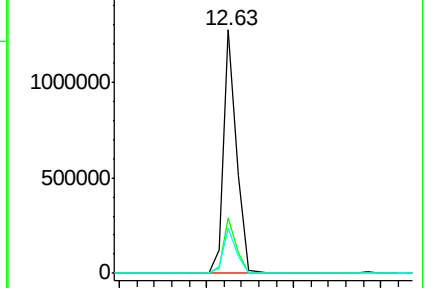
203 18.7 15.0 22.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 87.79 ng

RT: 12.79 min Scan# 971

Delta R.T. -0.02 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

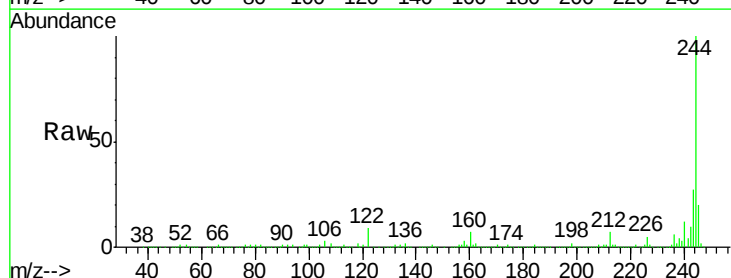
Tgt Ion:244 Resp: 2022025

Ion Ratio Lower Upper

244 100

212 7.3 6.4 9.6

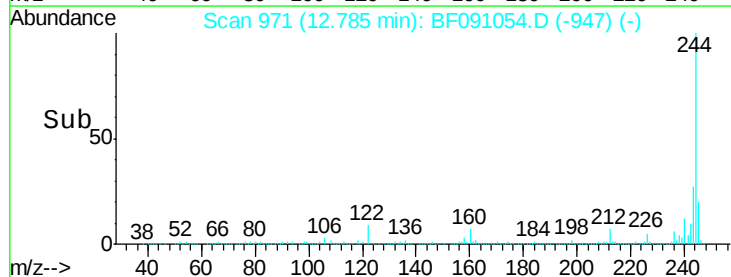
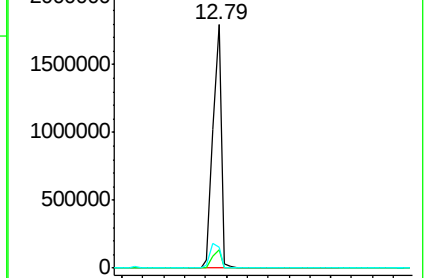
122 8.8 12.3 18.5#

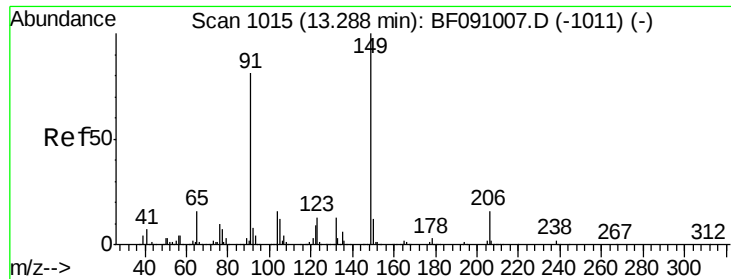


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

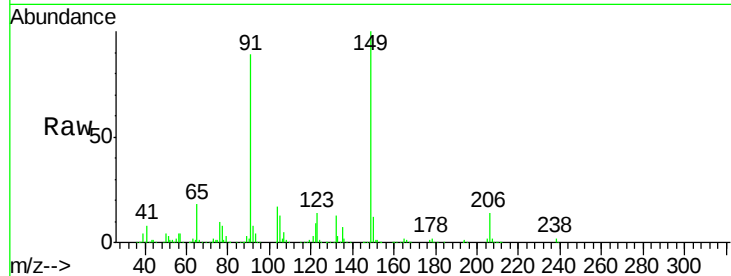




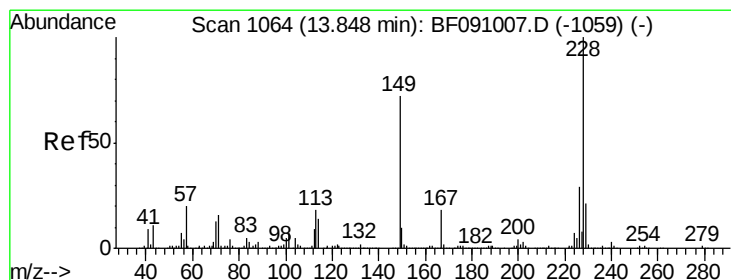
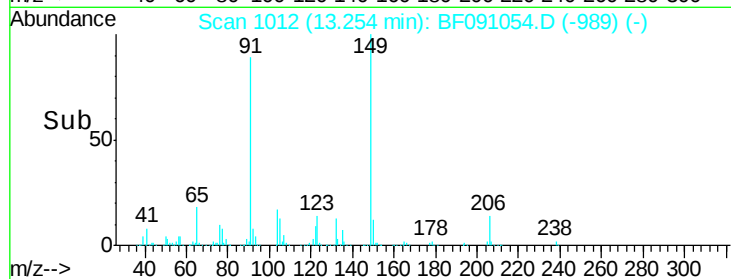
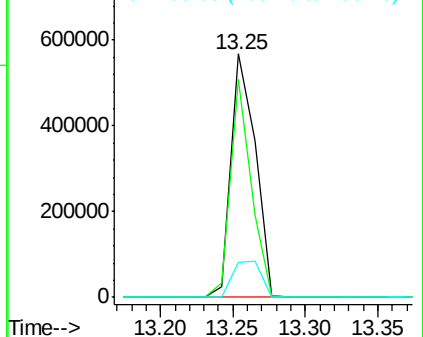
#79
Butylbenzylphthalate
Concen: 36.94 ng
RT: 13.25 min Scan# 1012
Delta R.T. -0.03 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	89.3	65.0	97.4
206	14.3	12.5	18.7

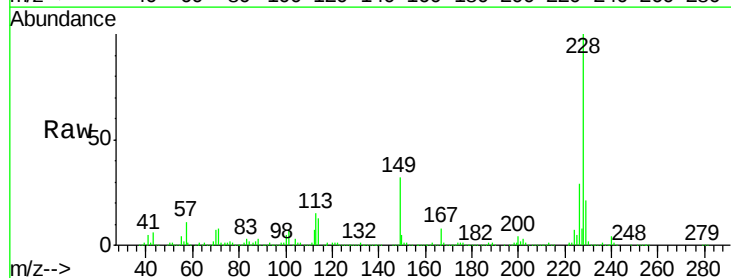


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

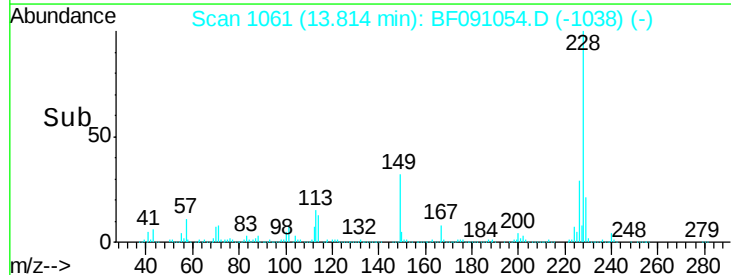
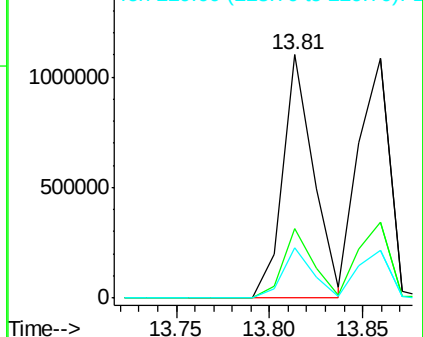


#80
Benzo(a)anthracene
Concen: 38.74 ng
RT: 13.81 min Scan# 1061
Delta R.T. -0.03 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.0	34.6
229	20.5	16.6	24.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

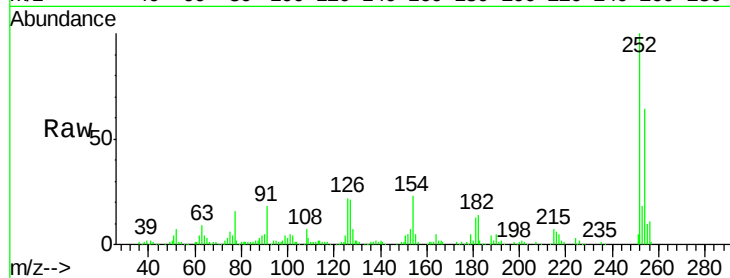




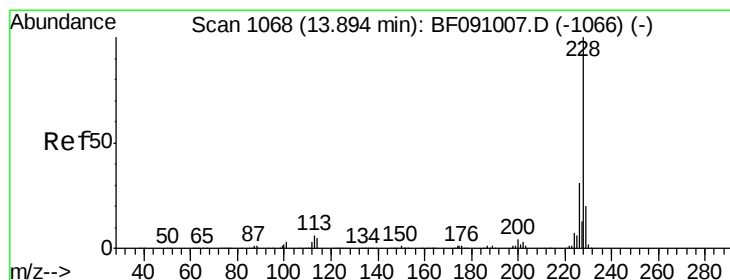
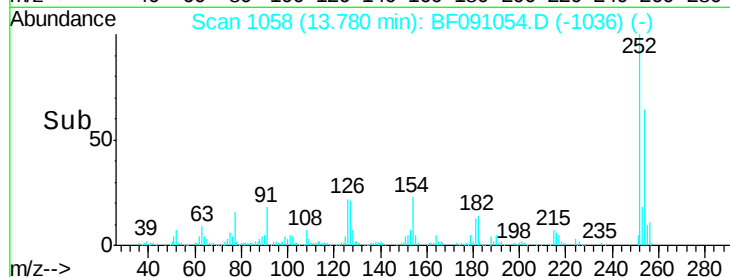
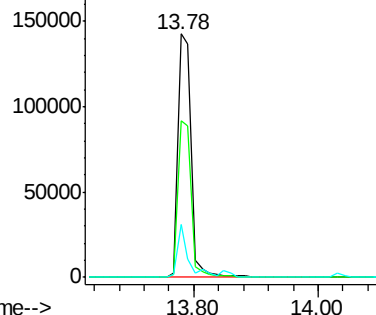
#81
 3,3'-Dichlorobenzidine
 Concen: 18.43 ng
 RT: 13.78 min Scan# 1058
 Delta R.T. -0.05 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 211306
 Ion Ratio Lower Upper
 252 100
 254 64.4 52.0 78.0
 126 21.8 5.4 8.2#

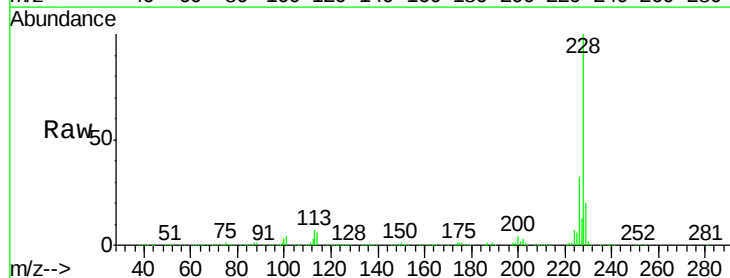


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

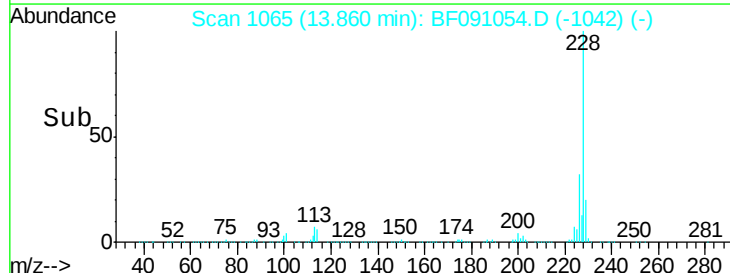
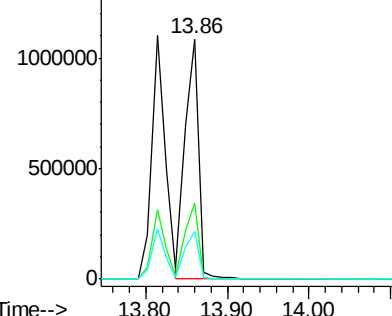


#82
 Chrysene
 Concen: 39.47 ng
 RT: 13.86 min Scan# 1065
 Delta R.T. -0.03 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

Tgt Ion:228 Resp: 1270270
 Ion Ratio Lower Upper
 228 100
 226 31.6 24.9 37.3
 229 20.1 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

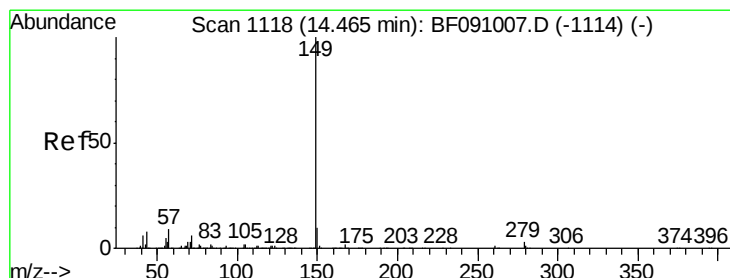
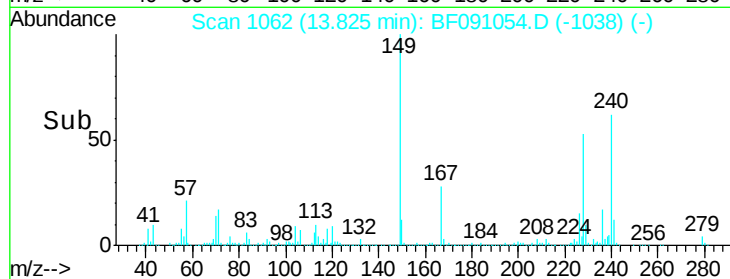
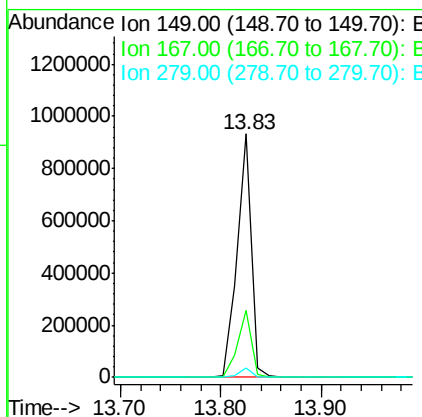
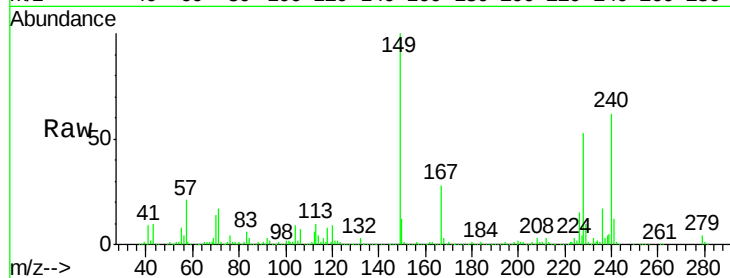




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.69 ng
 RT: 13.83 min Scan# 1062
 Delta R.T. -0.02 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

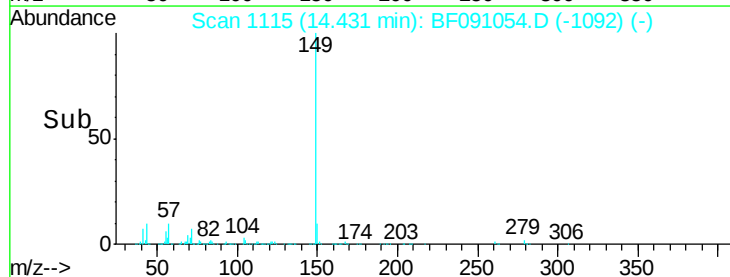
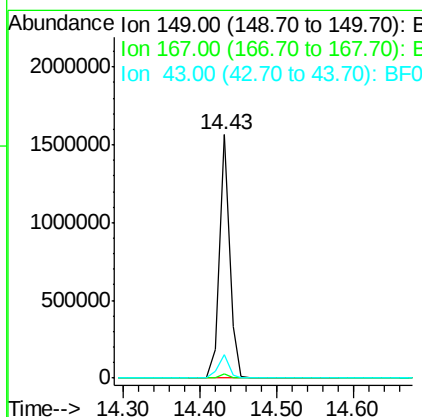
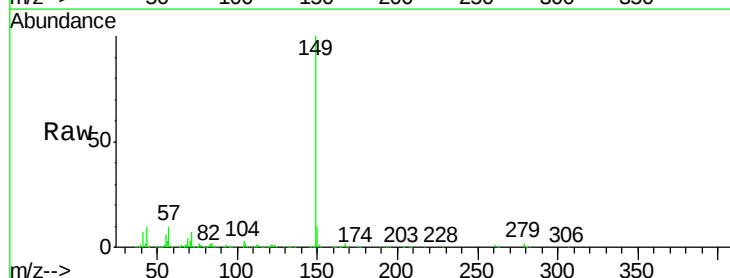
Instrument :
 BNA_F
 ClientSampleId :

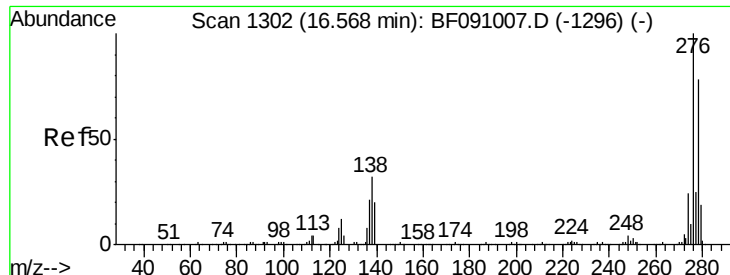
Tot Ion:149 Resp: 918491
 Ion Ratio Lower Upper
 149 100
 167 27.6 20.4 30.6
 279 3.9 1.6 2.4#



#84
 Di-n-octyl phthalate
 Concen: 36.12 ng
 RT: 14.43 min Scan# 1115
 Delta R.T. -0.03 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

Tgt Ion:149 Resp: 1446933
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.9 8.2 12.4

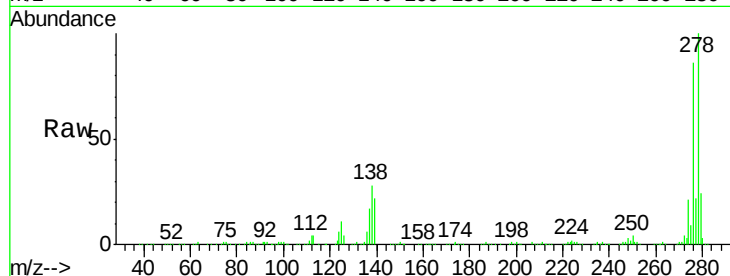




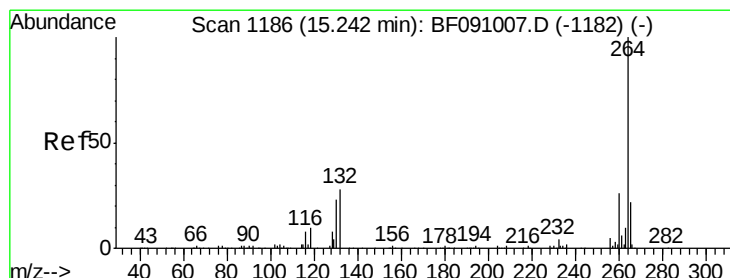
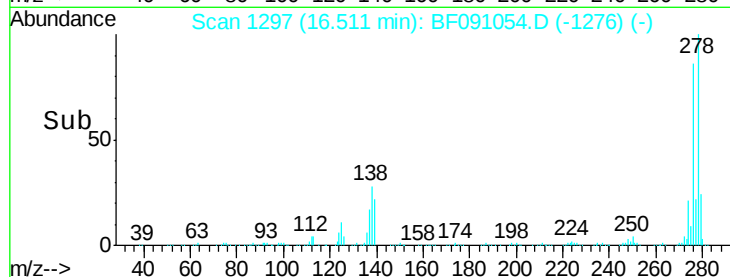
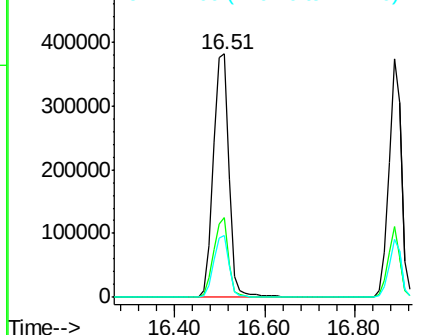
#85
Indeno(1,2,3-cd)pyrene
Concen: 34.83 ng
RT: 16.51 min Scan# 1297
Delta R.T. -0.06 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 929989
Ion Ratio Lower Upper
276 100
138 31.2 26.0 39.0
277 24.9 20.1 30.1

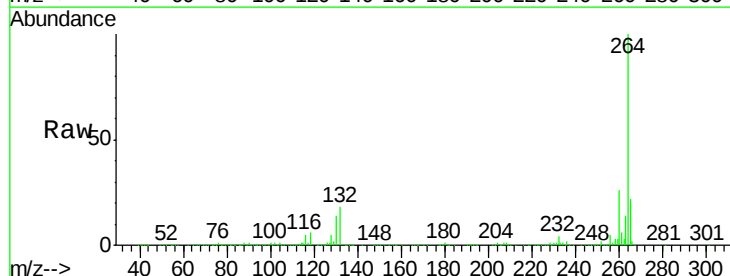


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

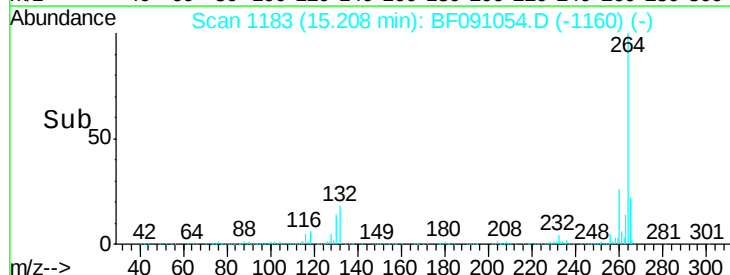
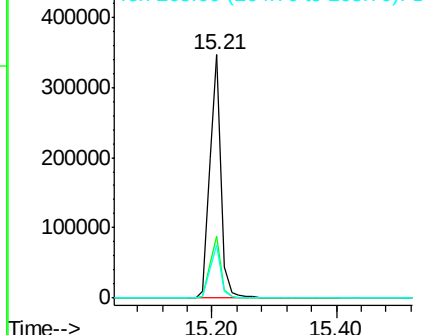


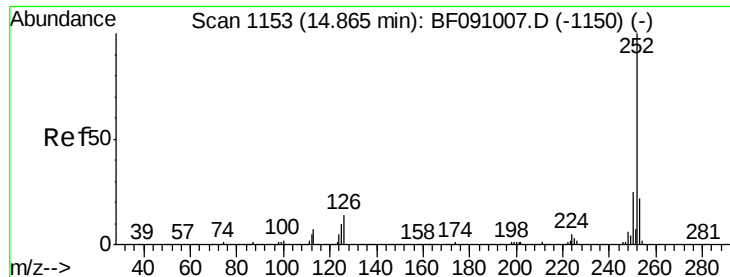
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1183
Delta R.T. -0.03 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Tgt Ion:264 Resp: 427674
Ion Ratio Lower Upper
264 100
260 25.6 20.6 30.8
265 21.8 17.8 26.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

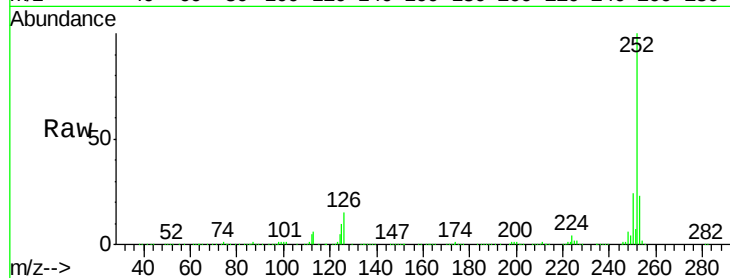




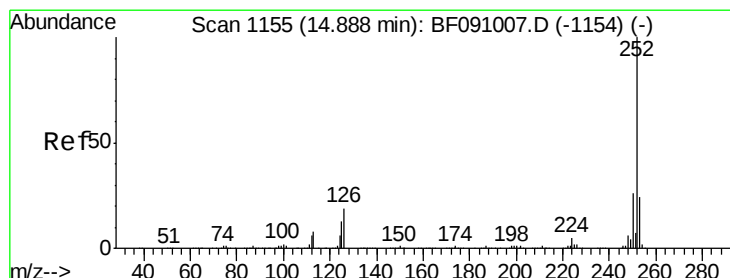
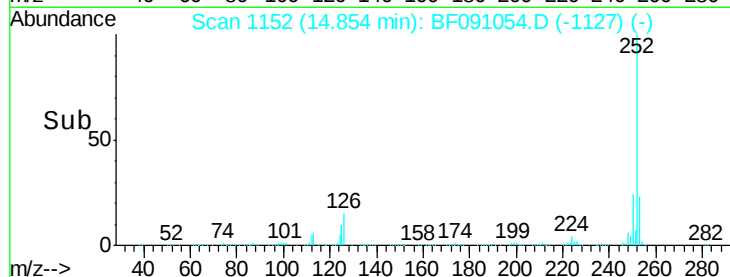
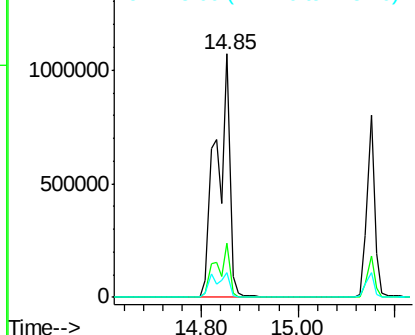
#87
Benzo(b)fluoranthene
Concen: 72.60 ng
RT: 14.85 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 2106004
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 10.3 8.3 12.5

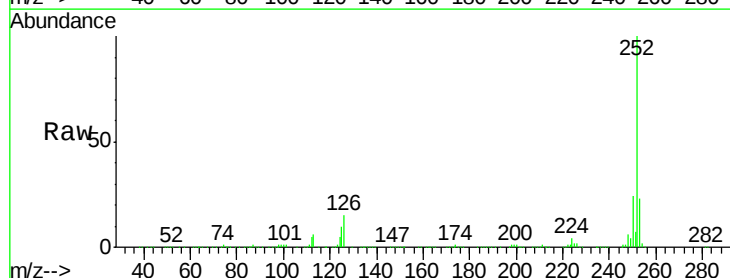


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

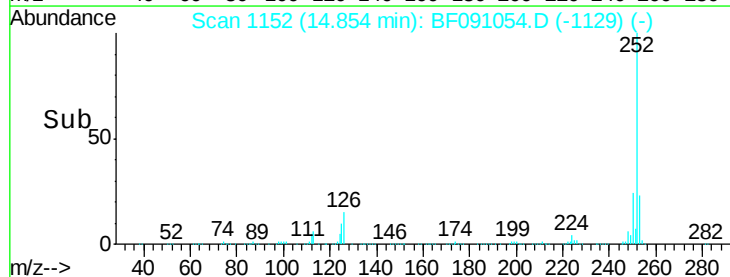
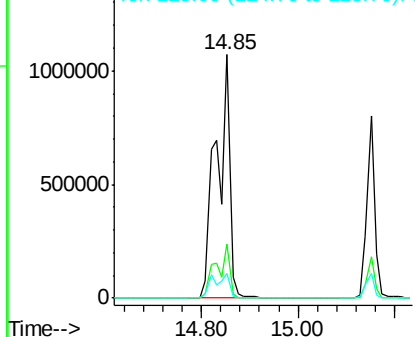


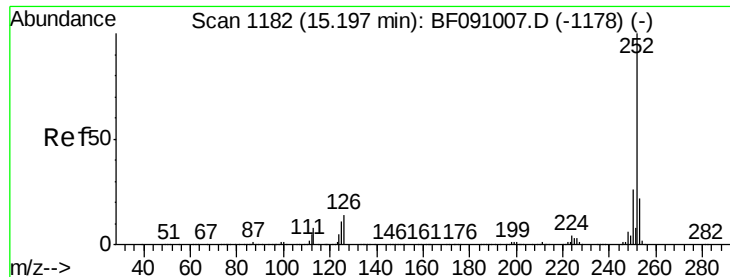
#88
Benzo(k)fluoranthene
Concen: 82.77 ng
RT: 14.85 min Scan# 1152
Delta R.T. -0.03 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Tgt Ion:252 Resp: 2106004
Ion Ratio Lower Upper
252 100
253 22.5 18.6 28.0
125 10.3 11.2 16.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

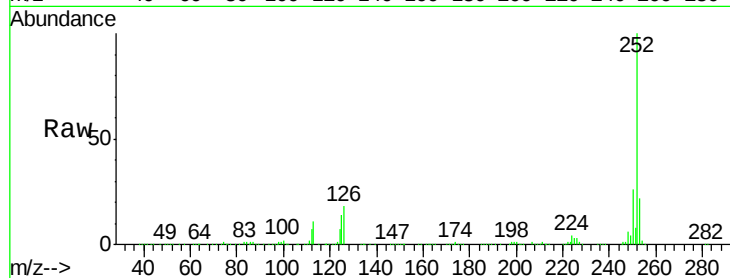




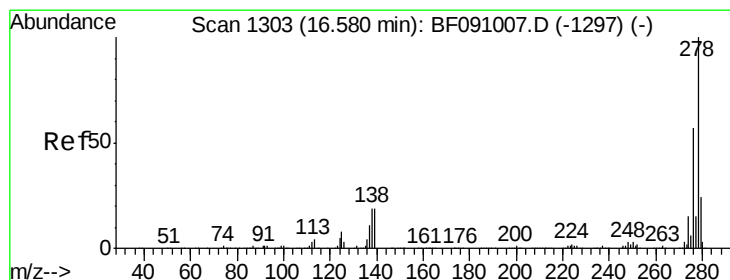
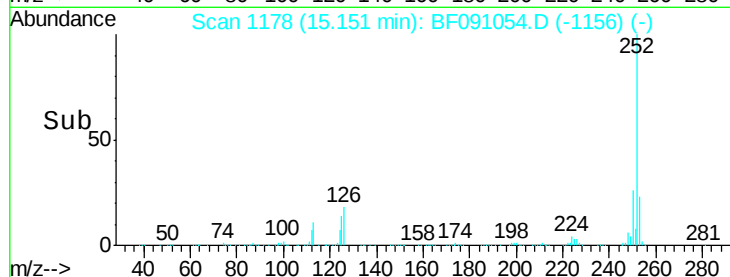
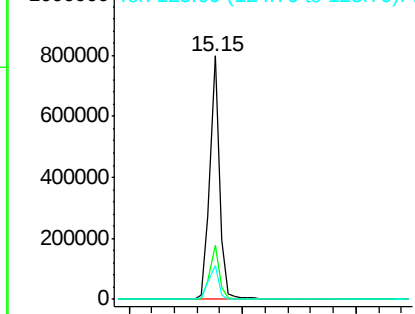
#89
Benzo(a)pyrene
Concen: 36.14 ng
RT: 15.15 min Scan# 1178
Delta R.T. -0.05 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 912546
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 13.7 8.6 13.0#

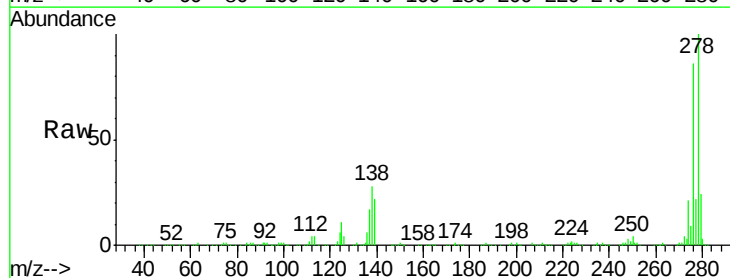


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

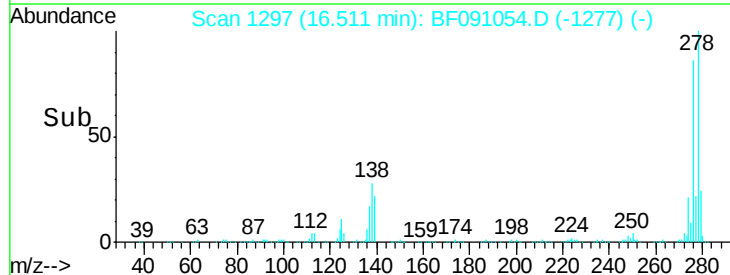
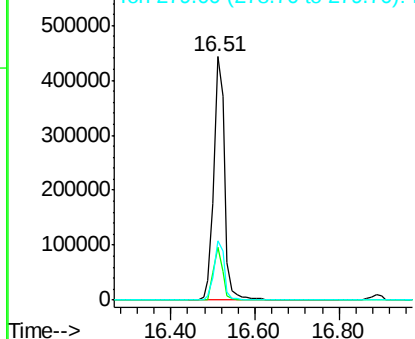


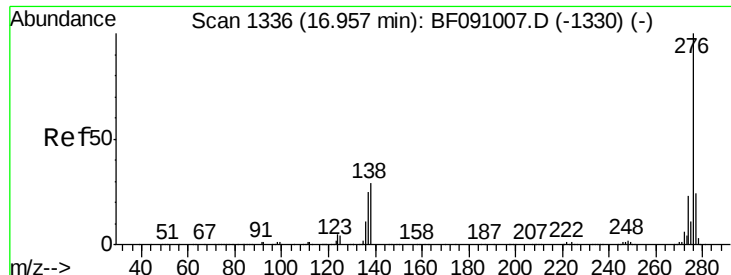
#90
Dibenzo(a,h)anthracene
Concen: 36.32 ng
RT: 16.51 min Scan# 1297
Delta R.T. -0.07 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Tgt Ion:278 Resp: 792805
Ion Ratio Lower Upper
278 100
139 21.5 15.3 22.9
279 24.2 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

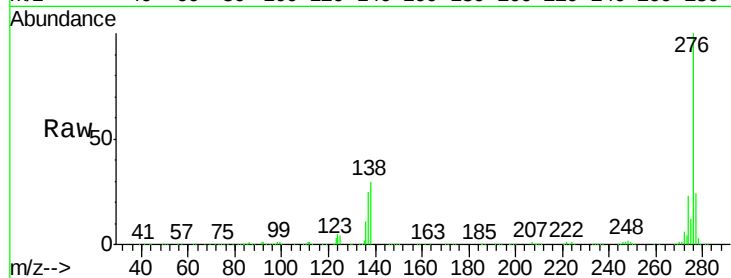




#91
 Benzo(a,h,i)perylene
 Concen: 37.05 ng
 RT: 16.89 min Scan# 1330
 Delta R.T. -0.07 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.2	28.8
138	29.6	23.3	34.9



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

